

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

(Other instructions on reverse side)

5. Lease Designation and Serial No.

U-58726

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

Federal 34

9. Well No.

10. Field and Pool, or Wildcat

Undesignated

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 34 T8S, R24E

12. County or Parrish 13. State

Uintah

Utah

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐

Other

Single Zone

2. Name of Operator

GILMORE OIL &amp; GAS

3. Address of Operator

110 N. Marienfeld, Suite 155, Midland, Texas 79701

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

510' FWL &amp; 2115' FSL (NW SW)

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office\*

35 miles south of Vernal, Utah

15. Distance from proposed\*

location to nearest property or lease line, ft.

(Also to nearest drlg. line, if any) 510'

16. No. of acres in lease

600

17. No. of acres assigned to this well

40

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

n/a

19. Proposed depth

4,100' GRRY

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5,250' GL

22. Approx. date work will start\*

23.

**PROPOSED CASING AND CEMENTING PROGRAM**

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	24.0 *	300'	200 sxs**
7 7/8"	5 1/2"	15.5	4100'	300 sxs**

\* New or reconditioned used

\*\* Volume to be determined by Caliper log

It is proposed to drill a well at the above site. The primary zone of interest is the Green River sand from 3,700' - 4,100'. If the zone of interest is present and appears to be productive, 5 1/2" casing will be run and cemented in place and the well will be completed. If the completion attempt does not find commercial production, then the well will be plugged and abandoned and the location and road will be restored as per BLM instruction.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

*William C. Lihou*

Title. Owner

Date. 9-7-90

(This space for Federal or State office use)

Permit No.

43-047-31907

Approval Date

**APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING**

Approved by

Title

Conditions of approval, if any:

DATE:

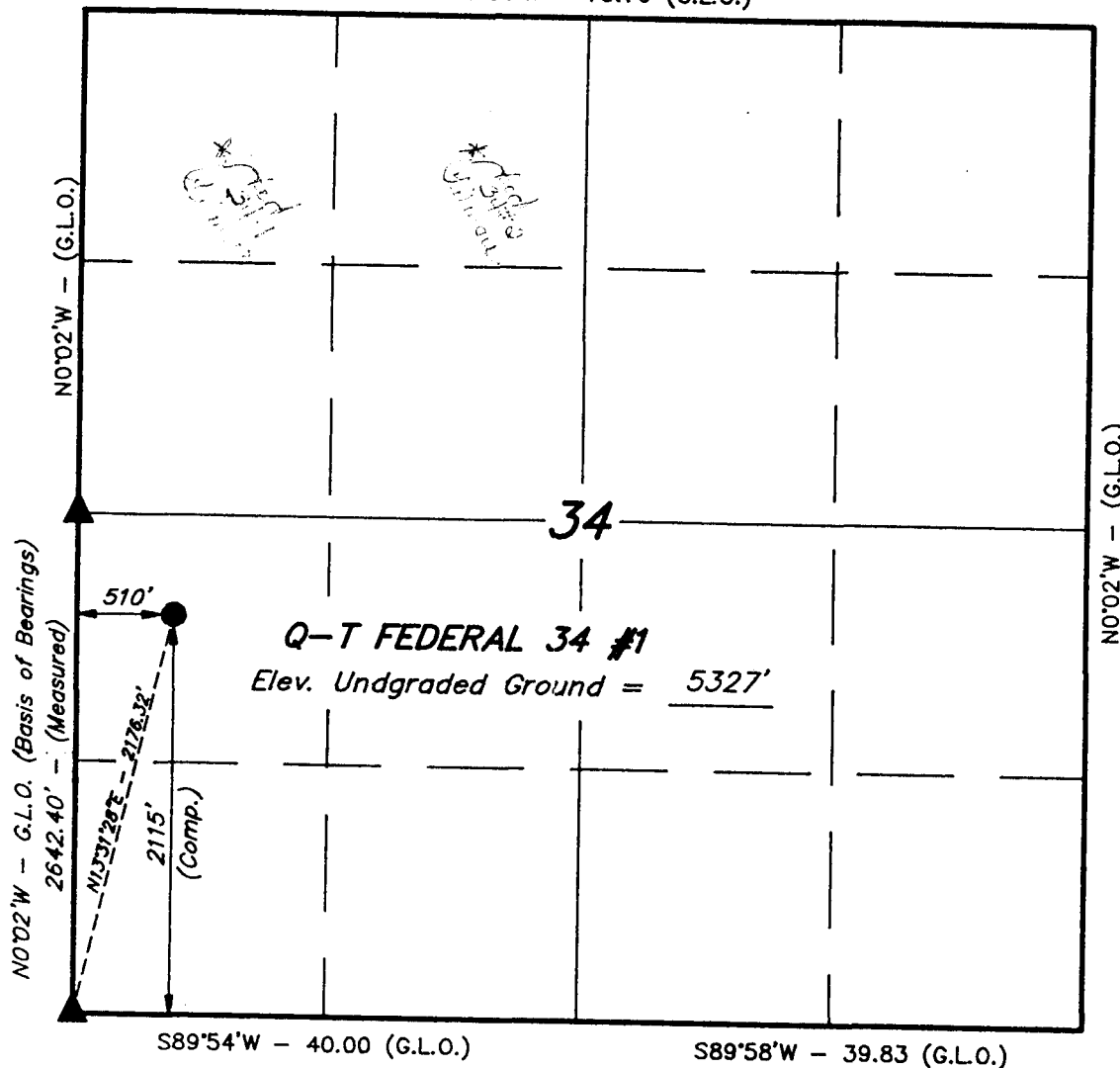
BY:

\*See Instructions On Reverse Side

10/1/90  
 R-615-3-2

*T8S, R24E, S.L.B.&M.*

S89°58'W - 79.76 (G.L.O.)



▲ = SECTION CORNERS LOCATED. (*Brass Caps*)

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 8-22-90
PARTY L.D.T. G.S. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM, CLEAR	FILE GILMORE OIL & GAS

SURFACE USE PROGRAM  
Q-T FEDERAL "34" NO. 1  
NW SW, SECTION 34, T8S, R24E  
LEASE NO. U-58726  
UINTAH COUNTY, UTAH

1. EXISTING ROADS

- A. This location can be reached by taking State Highway 45 south out of Vernal approximately 35 miles and turn left on the old highway 45 and go 1/2 mile to the location on the right. The proposed access road will be approximately 250' in length.
- B. Please refer to the included surveyor's plats.
- C. The existing roads are paved and suitable for heavy loads. The access road will not cross any Indian lands.

2. ACCESS ROADS TO BE CONSTRUCTED

- A. Width : Bladed to 16'
- B. Maximum Grade: Less than 5%
- C. Major cuts or fills: None
- D. Turnouts: None required
- E. Drainage: None
- F. Culverts: 1 - 18" off of highway entrance
- G. Auto gates: None
- H. Existing Facility to be modified: None

3. Location of Existing Wells within a one mile radius

- A. Water wells: None
- B. Injection Wells: None
- C. Abandoned Wells: Three; 1) NW/4 Sec. 34, T8S, R24E  
2) NW/4 SE/4, Sec. 27, T8S, R24E  
3) NE/4 SW/4 Sec. 26, T8S, R24E
- D. Disposal Wells: None
- E. Producing Wells: Six: All operated by Gilmore Oil & Gas  
1) Federal 27 #1 - SESW Sec. 27  
2) Raging Bull #1 - NESW Sec. 26  
3) Federal 34 #1 - NWNW Sec. 34  
4) Federal 27 #2 - SWSE Sec. 27  
5) Federal 34 #2 - NENW Sec. 34  
6) Federal 27 #3 - SESE Sec. 27
- F. Drilling Wells: None
- G. Permitted Wells: Five (5)  
1) Federal 26 #1 NWSW Sec. 26  
2) Federal 34-A #1 NWNW Sec. 34  
3) Federal 33 #1 NESE Sec. 33  
4) Federal 33 #2 SE NE Sec. 33  
5) Federal 34 #3 SWNW Sec. 34

4. Location of Existing and/or Proposed Facility if well is productive.

- A. Facility Required in the event of production on Well pad:  
A beam pumping unit, 2-400 bbl stock tanks, heater treater with the associated flow lines
- B. Description of facilities:  
All permanent structure will be painted a flat non-reflective earth tone Desert Brown color to match the recommended environmental colors.

C. Facilities Required in the event of production off well pad:

Upgrade and maintain access roads as necessary to prevent said erosion and accomodate year-round traffic and construct flowline from the wellhead to the existing tank battery on this lease.

5. Location and Type of Water Supply

- A. The source of water will be from the White River (SE SW Section 2, T10S,R24E). Temporary Application to Appropriate Water from the State of Utah has been applied for.
- B. Water source is located in Federal land. Water will not be obtained from Federal or Indian projects.
- C. A water well will not be drilled.
- D. Water will be trucked to the location.

6. Constructive Materials

A. Native soil will be utilized in the drilling site and access road. No additional construction material will be required for drilling operations. Crushed rock or gravel may be needed for the pulling unit pad, wellsite and to make the access road passable during all weather conditions if the well is found productive.

B. No construction material from Federal or Indian lands

C. Crushed rock, if necessary, will be purchased from construction contractors in the area from privately owned sources.

7. Methods for Handling Waste Disposal.

A. Cuttings: Unlined reserve pit 75' x 150' x 8' fenced with wire mesh fence and topped with at least one strand of barbed wire on three sides during drilling operations. The fourth side will be fenced when the rig moves off location.

B. Drilling Fluids: Unlined reserve pit 75' x 150' x 8'. Reserve pit will be constructed to prevent the collection of surface runoff. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

C. Produced Fluids:

1) Recovered during drill-stem tests will be disposed of in a test tank.

2) During completion operations, produced fluids will be contained in swab tanks.

3) Water disposal will be provided in accordance with BLM regulations NTL-2B. All disposal pits will be constructed as per the NTL-2B regulations.

D. Sewage: Sanitation holes 20-40' (will be filled) with minimum 4' of earth when rig is released and chemically treated or chemical toilets will be used.

E. Garbage and Trash

1) 8' x 25' x 4' trash cage completely enclosed with woven mesh wire.

2) Engine oil and lubricants will be collected in steel containers.

- F. Clean up of Wellsite Area after Rig is Removed.  
 1) Trash will be hauled to an approved sanitary landfill. Trash will not be burned.  
 2) All pits and wellsite will be covered, leveled and reseeded as per BLM instructions

8. Ancillary Facilities  
 None

9. Wellsite Layout

- A. Cross Section: See Figures for elevations and cross sections.
- B. Orientation of rig, pits and associated equipment. The reserve pit will be located as shown on the included surveyors plat.
- C. Topsoil will be stockpiled as shown on the included surveyors plat.
- D. Access Road, living facilities Parking area, etc. See Figure.
- E. A containment pond to be constructed when the location is made with a dam approximately 9' - 10' high and 30' to 40' long.

10. Plans for Restoration of Surface

- A. All pits will be backfilled, leveled and contoured to as near the current condition as is practical within one year from the date of the well completion. The stockpiled topsoil will be evenly distributed over the disturbed area. Waste material will be hauled to an approved sanitary landfill.
- B. Revegetation and rehabilitation of wellsite and access road: As per BLM requirements.
- C. All pits will be fenced until dry and then backfilled.
- D. If oil is present on the reserve pit, overhead flagging will be installed.
- E. Rehabilitation will be commenced when the rig moves out with the location restored by September 30, 1991. Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough left with a rough surface. Seed will be broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the amount of seed will be proportionately (double the lbs/acre). An appropriate seed mixture will be determined by the BLM either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin. At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

Rehabilitation will be completed by November 1, 1991, including vegetation.

11. Surface Ownership

- A. Access Road: Bureau of Land Management.
- B. Well Location: Bureau of Land Management

12. Mineral Ownership

Bureau of Land Management

13. Other Information

- A.
  - 1. Wellsite and access road are located in arid, hilly terrain.
  - 2. Soil is light brown sandy clay.
  - 3. Vegetation consists of native grasses
  - 4. The area is a natural habitat for wildlife
- B.
  - 1. The wellsite, existing and new access road are on BLM land
  - 2. Livestock were not grazing in the area when the wellsite was visited.
- C.
  - 1. Intermittent streams (i.e. flow during wet seasons of the year) do exist in the area.
  - 2. There are no occupied buildings within one mile of the proposed wellsite.
  - 3. Historical, cultural or archeological sites not apparent.
- D.
  - 1. If any cultural values are observed during construction all work will stop and the BLM authorities will be notified.
- E. All equipment and vehicles will be confined to the access road right of way pad and areas specified in the APD.
- F. The operator and his contractor shall contact the BLM office (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact Book Cliff Resource Area.

14. Lessee's or Operators Representative and Certification

Gilmore Oil & Gas------(915) 687-0408  
110 N. Marienfeld, Suite 155  
Midland, Texas 79701  
William C. Gilmore

I hereby certify that I or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which currently exist; That the statements made in this plan are, to the best of my knowledge true and correct and that the work associated with operations proposed herein will be performed by Gilmore Oil & Gas and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date

9-25-90

*William C. Gilmore*

William C. Gilmore  
Gilmore Oil & Gas

GILMORE OIL & GAS  
Q-T Federal "34" #1  
NW SW Sec. 34, T8S, R24E  
UINTAH COUNTY, UTAH

DRILLING PROGRAM

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Surface Formation - Uintah  
Green River formation - 700'  
Green River sands- 3,600'  
Total Depth - 4,100'

2. Estimated depths at which the top and the bottom of anticipated water, oil, gas or other mineral bearing formations are expected to be encountered and operator plans for protecting such resources.

Possible oil and gas bearing zones could be encountered from 700' to 4,100'. The primary zone of interest from 3,800' to TD is expected to contain high pour point Green River oil and will be protected by cementing casing through the zone. No commercial water or mineral bearing formations are expected to be encountered.

3. Casing Program

Conductor Casing: None

Surface Casing: 300', 8 5/8" 24.0 lb/ft, J-55, ST&C,  
Approximate 8 joints

Production Casing: 4,100' 5 1/2", 15.5 lb/ft, J-55, LT&C  
Approximate 103 joints

4. Cementing Program

Surface Casing: Cement circulated to surface with 200 sacks

Production Casing: Pay Zone to be covered with high compressive strength cement and light weight cement to fill the remainder of hole to within 500' of surface casing.  
Exact volume to be determined from logs.

5. Drilling Fluids:

INTERVAL	WT-LB/GAL	VIS	WATER LOSS	TYPE SYSTEM
0 - 300'				Air
300 - 700'	8.4 - 8.6	28	NC	Native
700 - 1700'	8.4 - 8.6	30-32	NC	FWG with LCM
1700 - 3100'	8.6 - 8.8	32-34	NC	FWG with LCM
3100 - 4100'	8.8 - 9.1	38-50	NC	FWG-low solids

Sufficient mud materials to maintain mud requirements and meet minor lost circulation and blowout problems will be on wellsite.

6. CORING

None planned

7. DRILL STEM TEST (DST):

DST could possibly be run if well conditions, shows, and logs dictate.

8. OPEN HOLE LOGGING:

Operator plans to run a Dual Induction log from TD to surface casing and a GR-CAL-FDC-CNL over the porous intervals.

9. TENTATIVE COMPLETION PROGRAM:

Perforate 5 1/2" casing with 2 shots per foot and stimulate as necessary with gelled Kcl water/sand fracture treatment.

10. ABNORMAL CONDITIONS OR POTENTIAL HAZARDS:

No abnormal conditions or hazards are expected. The estimated bottom temperature and pressure are 125 degrees F and 1650 psi respectively.

11. WELLHEAD EQUIPMENT

An attached BOP and choke manifold schematic is attached.

12. AUXILIARY EQUIPMENT TO BE USED.

- A. Two man 24 hour mud logging unit starting @ 2,000'.
- B. A full opening drill pipe stabbing valve with proper connections will be on the rig floor ready for use when the kelly is not in the string.

13. ANTICIPATED STARTING DATE:

The location and road construction to begin as soon as a permit is approved and drilling to start approximately October 1, 1990.

14. ADDITIONAL CONSIDERATIONS

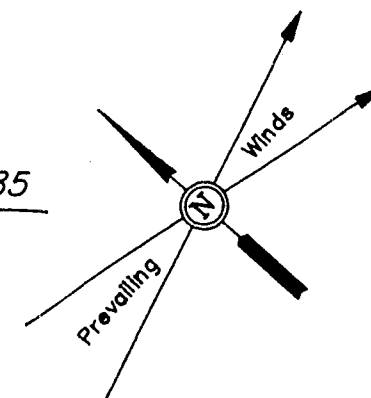
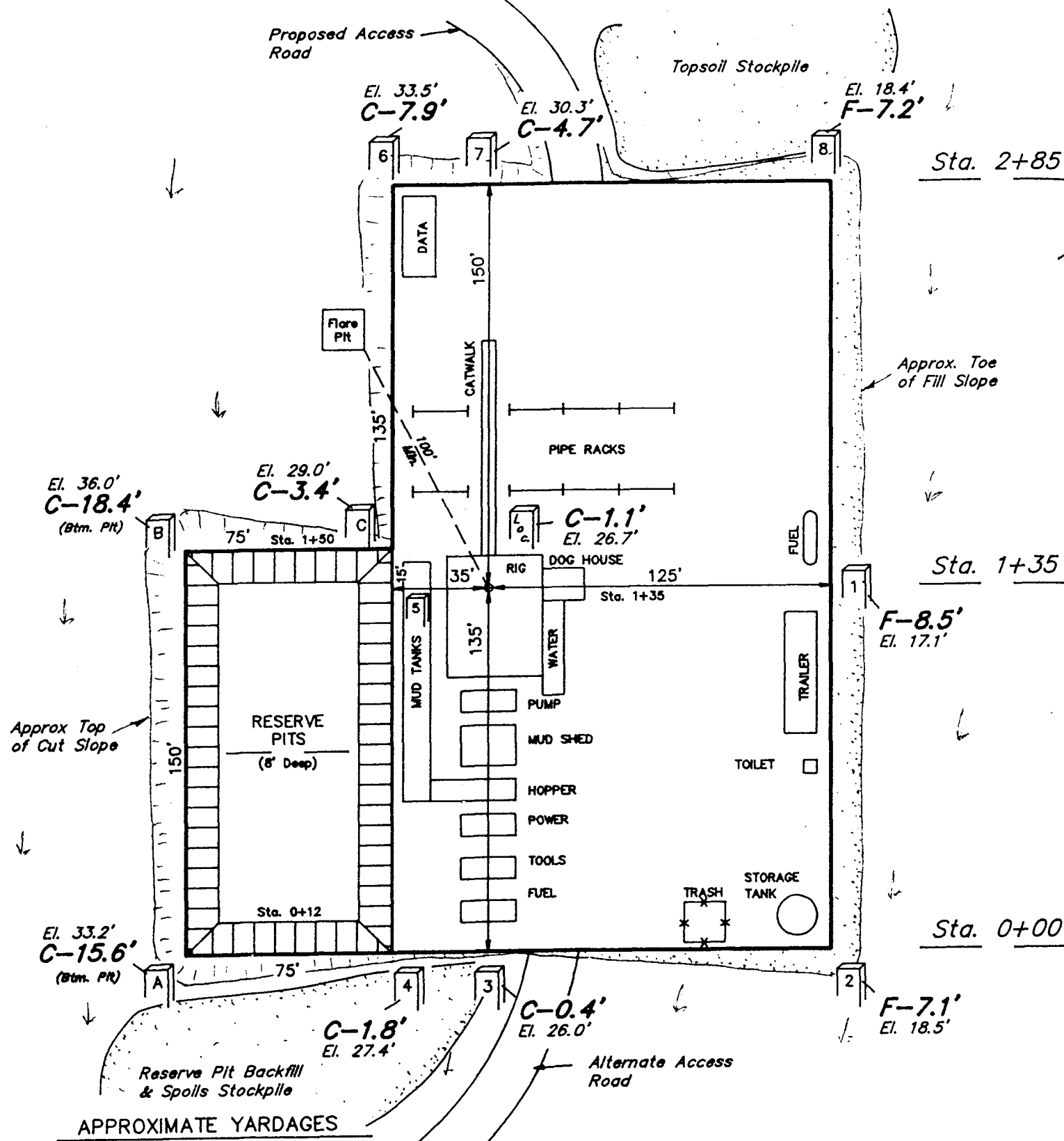
Operator will use a portable surface hole drilling rig to drill hole with air. This rig will also run the 8 5/8" casing. The bigger drilling rig will move in shortly thereafter.



# GILMORE OIL & GAS

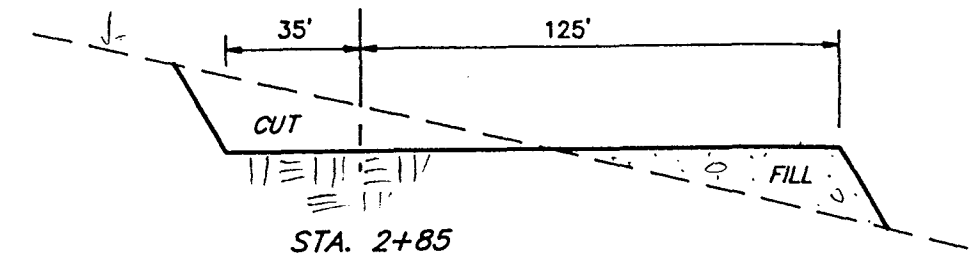
## LOCATION LAYOUT FOR

Q-T FEDERAL 34 #1  
SECTION 34, T8S, R24E, S.L.B.&M.

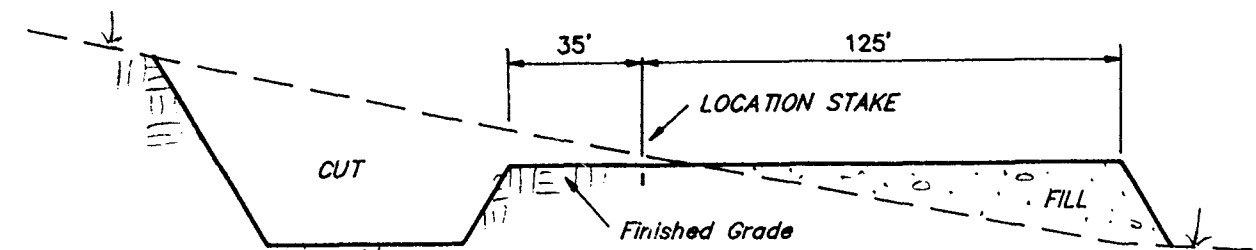


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DATE: 8-22-90  
Drawn By: J.R.S.

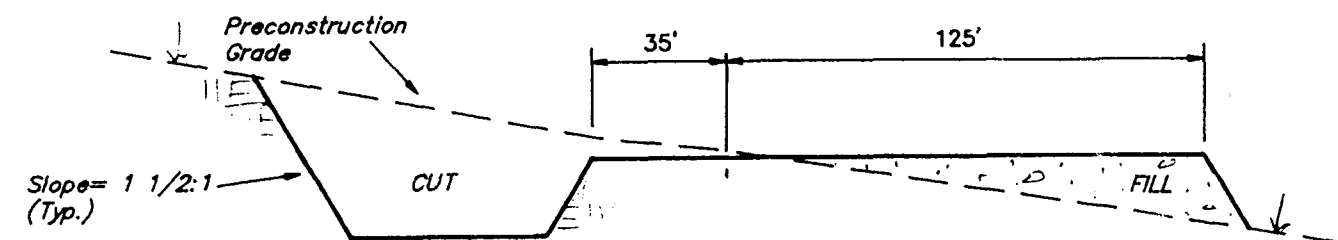
X-Section  
Scale  
1" = 50'



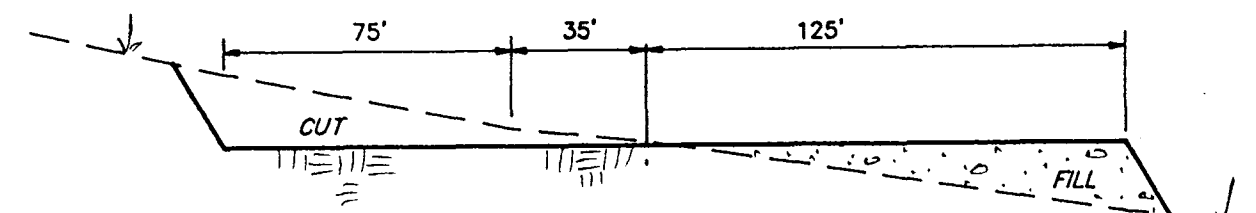
STA. 2+85



STA. 1+35



STA. 0+12



STA. 0+00

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5326.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 5325.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah

### APPROXIMATE YARDAGES

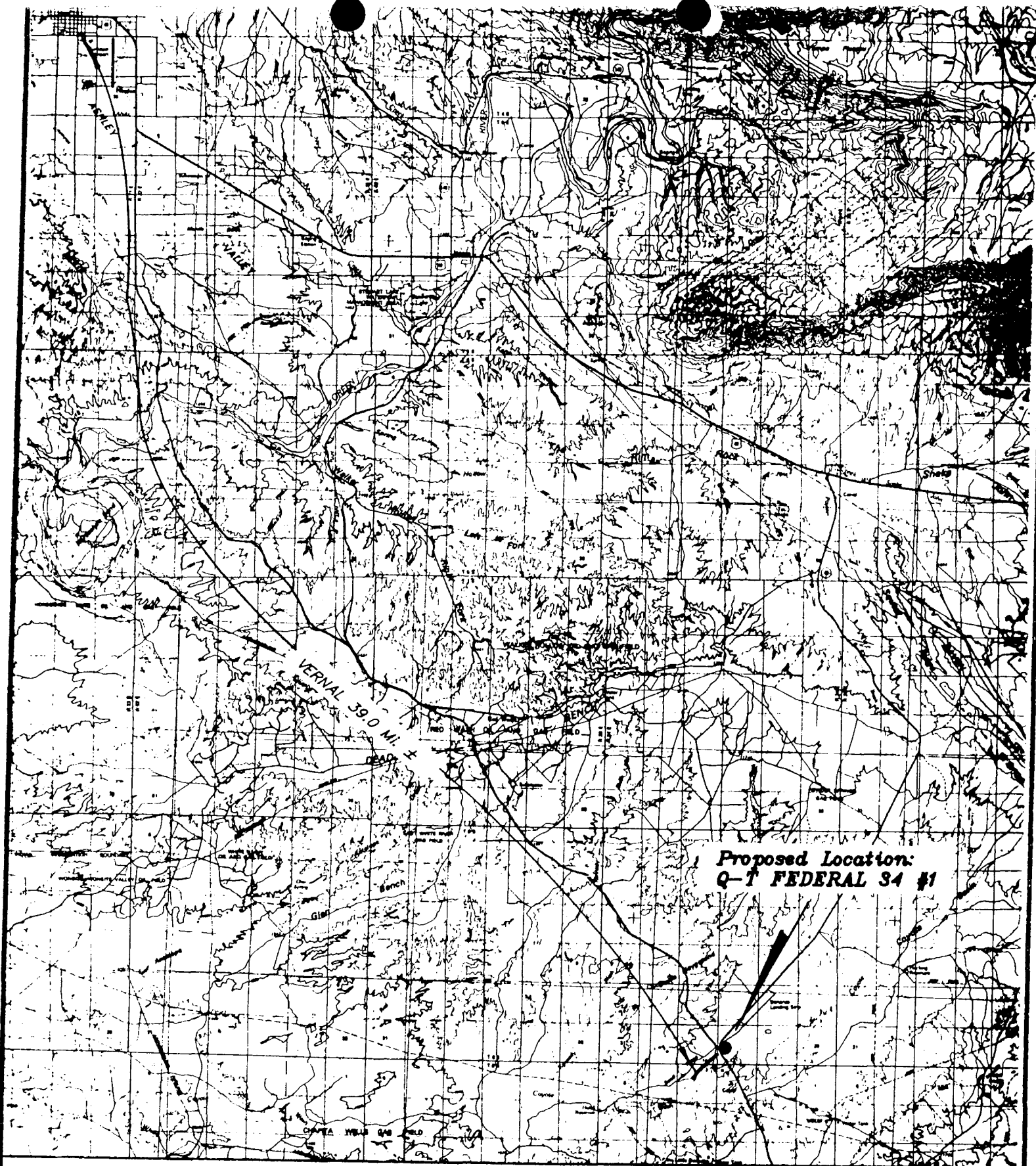
CUT  
(6") Topsoil Stripping = 1,050 Cu. Yds.  
Pit Volume (Below Grade) = 2,580 Cu. Yds.  
Remaining Location = 4,070 Cu. Yds.

TOTAL CUT = 7,700 CU.YDS.

FILL = 5,090 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 2,340 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 2,340 Cu. Yds.

EXCESS UNBALANCE  
(After Rehabilitation) = 0 Cu. Yds.



TOPOGRAPHIC  
MAP "A"

DATE: 8-22-90



GILMORE OIL & GAS

Q-T FEDERAL 34 #1  
SECTION 34, T8S, R24E, S.L.B.&M.



# GILMORE OIL & GAS

110 N. MARIENFELD, SUITE 155 • ONE MARIENFELD PLACE • MIDLAND, TEXAS 79701 • (915) 687-0408 • FAX (915) 687-0400

October 9, 1990

RECEIVED  
OCT 15 1990  
DIVISION OF  
OIL, GAS & MINING

Utah Natural Resources  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Tami Searing

Re: APD material

Dear Tami:

As per your telephone request, please find the enclosed material for the six APDs that I recently filed with your office. This is the same material that was filed with the BLM for this six federal wells.

Should you require any further information on this application, please do not hesitate to call the undersigned.

Sincerely,

*Marjorie McQuerry*  
Marjorie McQuerry

OPERATOR Sumner Oil Gas 15080 DATE 10-16-90

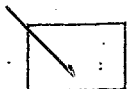
WELL NAME Q-T Federal 34 #1

SEC NW 34 T 8S R 04E COUNTY Wintah

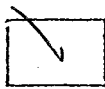
43 047-31907  
API NUMBER

Federal (1)  
TYPE OF LEASE

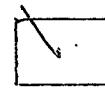
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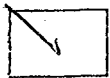
PLAT.



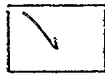
BOND



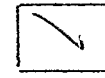
NEAREST  
WELL



LEASE



FIELD  
SLBM



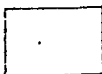
POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

OK Sec 34  
Water Permit spoke w/ Dot Water Right pump  
Application issued.

APPROVAL LETTER:

SPACING:



R615-2-3

N/A  
UNIT



R615-3-2



N/A  
CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

1- Needs Water Permit



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 17, 1990

Gilmore Oil & Gas  
110 N. Marienfeld, Suite 155  
Midland, Texas 79701

Gentlemen:

Re: Q-T Federal 34-1 - NW SW Sec. 34, T. 8S, R. 24E - Uintah County, Utah  
2115' FSL, 510' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

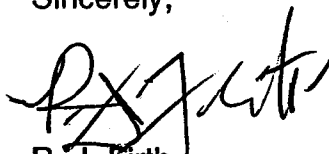
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Gilmore Oil & Gas  
Q-T Federal 34-1  
October 17, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31907.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-8

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

GILMORE OIL & GAS

3. ADDRESS OF OPERATOR

110 N. Marienfeld, Suite 155, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

510' FWL & 2115' FSL (NW SW)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

35 Miles south of Vernal, Utah

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

510'

16. NO. OF ACRES IN LEASE

600

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

n/a

19. PROPOSED DEPTH

4,100'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,250' GL

22. APPROX. DATE WORK WILL START\*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0*	300'	200 sxS**
7 7/8"	5 1/2"	15.50	4100'	300 sxS**

\* New or reconditioned used

\*\* Volume to be determined by Caliper log

It is proposed to drill a well at the above site. The primary zone of interest is the Green River sand from 3,700' - 4100'. If the zone of interest is present and appears to be productive, 5 1/2" casing will be run and cemented in place and the well will be completed. If the completion attempt does not find commercial production, then the well will be plugged and abandoned and the location and road will be restored as per BLM instruction.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*William C. Gilmore*

TITLE

Owner

DATE

9-7-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*Handwritten signature*

TITLE

ASSISTANT DISTRICT  
MANAGER MINERALS

DATE

OCT 15 1990

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company GILMORE OIL & GAS Well No. Q-T Federal 34-1  
Location NWSW Sec. 34, T. 8S, R. 24E Lease No. U-58726

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

Useable water may be encountered from the surface to +50 ft. in the Quaternary surface gravels, from +659-859 ft. in the Uinta formation, and from +1409-1569 ft. in the Green River formation. The Mahogany oil shale and the L1 oil shale have been identified from +2009-2134 ft. and +2194-2269 ft., respectively. Therefore, as a minimum, the resources shall be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale. Also, if gilsonite is encountered in the shallow subsurface, it will need to be isolated and/or protected via the cementing program.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

#### 4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the Authorized Officer.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

## 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within forty-eight (48) hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first

production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Orders, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in Onshore Oil and Gas Order No. 3 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka  
Petroleum Engineer

(801) 781-1190

Ed Forsman  
Petroleum Engineer

(801) 789-7077

BLM FAX Machine

(801) 789-3634

BLM COPY

Revised October 1, 1985

Date NOS Received: 08/07/90

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: GILMORE OIL AND GAS

Well Name & Number: Q-T Federal 34-1

Lease Number: U-58726

Location: NWSE            Sec. 34    T. 8S    R. 24E

Surface Ownership: BLM

## 1. Planned Access Roads

Access roads and surface disturbing activities will conform to standards outlined in the BLM/USFS 1989 "Surface Operating Standards for Oil and Gas Development".

The road shall be upgraded or constructed to meet the standards of the anticipated traffic flow and all weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed, as necessary, to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

## 2. Location of Existing Wells

Provide a map or plat of all wells within a one mile radius of the proposed well location showing and identifying the existing:

- Water wells
- Abandoned wells
- Temporarily abandoned wells
- Disposal wells
- Drilling wells
- Producing wells
- Shut-in wells
- Injection wells

## 3. Location of Existing and/or Proposed Wells

On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production: surface pits.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain the capacity of the largest vessel. The integrity of the dike must be maintained.

## 4. Methods for Handling Waste Disposal

Production facilities: More than one pit for produced water on production facilities must be justified.

## 5. Well Site Layout

All pits will be fenced in accordance with the Vernal District Fencing Policy.



Diversion ditch shall be constructed on the NW side of the location above the cut slope, draining to the east.

#### 6. Plans for Restoration of Surface

The reserve pit will be reclaimed within ninety (90) days from the date of well completion.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12 inches before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three-quarters inch deep. A drag, packer, or roller may be used to ensure uniform coverage of the seed and adequate compaction. Drilling of the seed should be done on the contour, where possible. Where slopes are too steep for contour drilling, a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by whatever means is practical.

#### 7 Other Additional Information

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, BIA, FS, or the appropriate County Extension Office. On BLM administered land, it is required that a "Pesticide Use Proposal" shall be submitted and given approval prior to the application of herbicides or other pesticides or possible hazardous chemicals.

The BLM and BIA Offices shall be notified upon site completion prior to moving on the drilling rig.

No construction or drilling activities shall be conducted between May 15 and June 20 in order to protect pronghorn antelope during the kidding period.

Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

#### Cultural Resource Protection Procedures

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work

that might further disturb such materials, and contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to conform, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes at any time to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his/her subcontractors. A copy of these conditions will be furnished the field representative to ensure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

DIVISION OF OIL, GAS AND MINING

API NO. 43-047-31907

DRL

SPUDDING INFORMATION

NAME OF COMPANY: GILMORE OIL & GAS

WELL NAME: Q-T FEDERAL 34-1

SECTION NWSW 34 TOWNSHIP 8S RANGE 24E COUNTY UINTAH

DRILLING CONTRACTOR LEON ROSS DRILLING -Surface Pipe - OLSEN DRILLING 300' to TD

RIG # 2 or 5

SPUDDED: DATE 12-11-90

TIME 10:00 a.m.

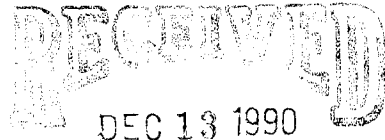
How ROTARY

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY JERRY JOHNSON

TELEPHONE # 722-3126

DATE 12-11-90 SIGNED TAS



OPERATOR Gilmore Oil & Gas  
ADDRESS 110 N. Marienfeld, Suite 155  
Midland, Texas 79701

OPERATOR ACCT. NO. N5680

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG		
A	99999	11144	4304731907	Q-T Federal "34" #1 (34-1)	NWSW	34	8S	24E	Uintah	12-11-90
WELL 1 COMMENTS: Federal-Lease Proposed Zone - GRRV Field-Undesignated (New entity 11144 added 12-14-90) <i>for</i> Unit- N/A										
WELL 2 COMMENTS:										
WELL 3 COMMENTS:										
WELL 4 COMMENTS:										
WELL 5 COMMENTS:										

**ACTION CODES** (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

**NOTE:** Use COMMENT section to explain why each Action Code was selected.

*Mayorie M. Querry*  
Signature  
Administration Manager 12/11/90  
Title Date  
Phone No. (915) 687-0408

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

MICROFILM

COMPANY: Gilmore Oil & Gas  
WELLNAME: Q-T Federal 34-1 API# 43-047-31907 DRL  
SECTION: 34 TWP: 8 South RANGE: 24 East  
INSPECTOR: Carol Kuby TIME: 1:00 pm DATE: 12/26/90  
REPRESENTATIVE: - PUSHER: Mike Swett Olsen Rig 5  
OPERATIONS: Dreg cmt.  
SPUD DATE: 12/11/90 dry / 12/20/90 rig DEPTH: 1862'

DRILLING AND COMPLETIONS:

<u>Y</u> APD	<u>N</u> WELL SIGN	<u>Y</u> SANITATION
<u>Y</u> BOPE	<u>N</u> BLOOIE LINE	<u>N</u> H2S
<u>N</u> VENTED/FLARED	<u>Y</u> RESERVE PIT	<u>N</u> FLARE PIT
<u>N</u> BURN PIT	<u>Y</u> HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE

INTERVAL

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PLUGS TESTED: \_\_\_\_\_ HOW \_\_\_\_\_ WOC \_\_\_\_\_

MARKER: \_\_\_\_\_ SURFACE \_\_\_\_\_ PLATE

RECLAMATION:

\_\_\_\_\_ CONTOUR \_\_\_\_\_ RIP \_\_\_\_\_ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS:

Dreg cmt. Post circulation @ 1842'. Halliburton pumped 200sx  
cmt. Tagged plug @ 828'. Reserve pit inside 2/3 full

APPROVED BY \_\_\_\_\_ HOW \_\_\_\_\_ DATE \_\_\_\_\_

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other Instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-58726

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Q-T Federal "34"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

North Bonanza

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 34, T8S, R24E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT..." for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Gilmore Oil & Gas

3. ADDRESS OF OPERATOR

110 N. Marienfeld, Suite 155, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

2115' FSL & 510' FWL

14. PERMIT NO.

43-047-31907

DRL

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5350 GL

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Progress Report

X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

A total depth of 4,000' was reached on 12-29-90 and logs were run that included a Dual Induction and Neutron Density log. 5 1/2" new 15.5#/foot, J-55 casing was run and set at total depth. Centralizers were placed on the bottom 6 joints and Halliburton cemented with 255 sacks of Hi-fill cement and 210 sacks of Thixotropic cement.

18. I hereby certify that the foregoing is true and correct

SIGNED *McQuinn*

TITLE Administrative Manager

DATE 12-31-90

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# GILMORE OIL & GAS

110 N. MARIENFELD, SUITE 155 • ONE MARIENFELD PLACE • MIDLAND, TEXAS 79701 • (915) 687-0408 • FAX (915) 687-0400

January 3, 1991

Utah Natural Resources  
355 W. North Temple  
Suite 350  
Salt Lake city, Utah 84180-1203

Attention: Tammy Searing

Re: Log Copies  
Q-T Federal 34-1  
Federal 34-3  
North Bonanza Field

Dear Tammy:

Enclosed for your files are copies of the following logs:

Q-T Federal 34-1 Well:

- 1) Compensated Spectral Natural Gamma Ray Log
- 2) Spectral Density Dual Spaced Neutron Log
- 3) Microlog
- 4) Dual Induction Guard Log.

Federal 34-3 Well:

- 1) Acoustic Cement Bond Log

If you require any other information, please do not hesitate to call.

Sincerely,

*Marjorie McQuerry*

Marjorie McQuerry

JAN 07 1991

DIVISION OF  
OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Guilmore Oil & Gas

WELLNAME: Q1 Federal 34-1 API# 43-047 - 31907

SECTION: 34 TWP: 8 South RANGE: 24 East

INSPECTOR: Carol Kubly TIME: 10:30am DATE: 1.7.91

REPRESENTATIVE: \_\_\_\_\_ PUSHER: \_\_\_\_\_

OPERATIONS: Wait on Completion

SPUD DATE: 12/11/90 DEPTH: T.D.

DRILLING AND COMPLETIONS:

Y APD

Y WELL SIGN

N SANITATION

N BOPE

N BLOOIE LINE

N H2S

N VENTED/FLARED

Y RESERVE PIT

Y FLARE PIT

N BURN PIT

Y HOUSEKEEPING

PLUGGING AND ABANDONMENTS:

PLUG TYPE

INTERVAL

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PLUGS TESTED: \_\_\_\_\_ HOW \_\_\_\_\_ WOC \_\_\_\_\_

MARKER: \_\_\_\_\_ SURFACE \_\_\_\_\_ PLATE

RECLAMATION:

\_\_\_\_\_ CONTOUR

\_\_\_\_\_ RIP

\_\_\_\_\_ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS:

WOC - rig moved up to Guilmore 34-1 (building that location now) Reserve pit lined on 4 sides & 1/4 full.

APPROVED BY \_\_\_\_\_ HOW \_\_\_\_\_ DATE \_\_\_\_\_



STATE OF UTAH  
DIVISION OF OIL, GAS AND MININGRECEIVED  
MAR 04 1991

DIVISION OF

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OIL GAS &amp; MINING

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. BLM Lease U-58726	
2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME na	
3. NAME OF OPERATOR GILMORE OIL & GAS				7. UNIT AGREEMENT NAME na	
4. ADDRESS OF OPERATOR 110 N. Marienfeld, Suite 155, Midland, Texas 79701				8. FARM OR LEASE NAME O-T Federal "34"	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 510' FWL & 2,115' FSL (NWSW) At top prod. interval reported below same At total depth same				9. WELL NO. #1	
10. FIELD AND POOL, OR WILDCAT North Bonanza				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T8S, R24E	
14. API NO. <i>POW</i> 43-047-31907		DATE ISSUED 10-16-90		12. COUNTY Uintah	13. STATE Utah
15. DATE SPUN 12-11-90	16. DATE T.D. REACHED 12-28-90	17. DATE COMPL. (Ready to prod.) 2-25-91 (Plug & Abd.)	18. ELEVATIONS (DP, RES. RT, GR, ETC.) KB-5340	19. ELEV. CASINGHEAD 5,327'	
20. TOTAL DEPTH, MD & TVD 4,000'	21. PLUG BACK T.D., MD & TVD 3,985'	22. IF MULTIPLE COMPL., HOW MANY Single	23. INTERVALS DRILLED BY →	ROTARY TOOLS All	CABLE TOOLS None
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 3,816' to 3,957', Green River					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN <i>ACBL</i> Neutron Density, Dual Induction, Microlog			27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)		
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0	315'	12 1/4"	225 sacks "G"	None
5 1/2"	15.5	4,000'	7 7/8"	225 sacks HiFill	None
				210 sacks Thixotropic	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	PACKER SET (MD)
None					none
31. PERFORATION RECORD (Interval, size and number) 3,957' to 3,965', 0.43", 16 holes 3,816' to 3,822', 0.43", 12 holes 3,830' to 3,840', 0.43", 20 holes 3,847' to 3,852', 0.43", 10 holes			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
			3,957'-3,965'	1500 gallons 15% HCl, 28,000 gallons frac with 600 sxs sand	
			3,816'-3,852'	2500 gallons 15% HCl, 60,000 gallons Frac with 1340 sxs sand	
33. PRODUCTION					
DATE FIRST PRODUCTION 2-25-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2-26-91	HOURS TESTED 24	CHOKE SIZE 2"	PROD. FOR TEST PERIOD →	OIL—BSL. 45	GAS—MCF. 10 (est)
WATER—BSL. 53	GAS-OIL RATIO 222				
FLOW, TUBING PRESS. 30 psi	CASING PRESSURE 30 psi	CALCULATED 24-HOUR RATE →	OIL—BSL. 45	GAS—MCF. 10 (est)	WATER—BSL. 53
			OIL GRAVITY-API (CORR.) 36 °		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY Glade Holmes
35. LIST OF ATTACHMENTS Logs					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>William L. Moore</i>		TITLE <i>Owner</i>		DATE <i>2-27-91</i>	

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

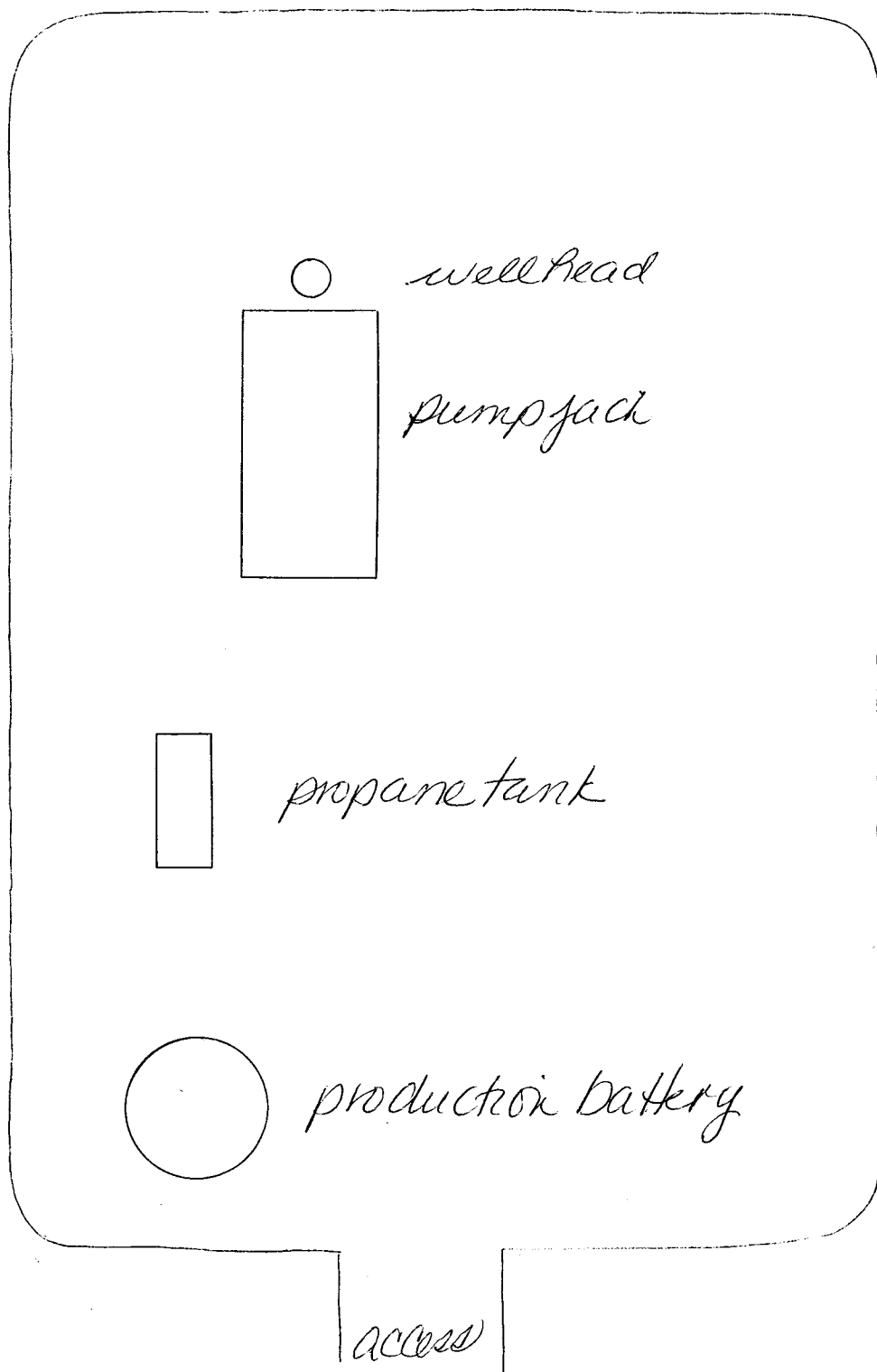
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS		
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.					
Formation	Top	Bottom	Description, contents, etc.	Name	<div style="display: flex; justify-content: space-between; font-size: small;"> <span>Meas. Depth</span> <span>True Vert. Depth</span> </div>
			No cores or DST's were taken on this well.  See attached mud log for detailed description	Green River Formation  Green River Oil Sand	1,404'  3,957'

QT Id 34-1 Sec 34 T8S0, R24E Kubly 10.2.91



**COCHRANE RESOURCES, INC.**

Engineering  
Wellsite Supervision  
Lease Operating

P.O. Box 1656  
Roosevelt, Utah 84066  
Phone (801) 722-5081

June 23, 1997

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Attn: Ed Forsman

Dear Sir:

Please be advised that Cochrane Resources, Inc is considered to be the operator of the following wells, and is responsible under the terms and conditions of the lease lands. Bond coverage is provided by Wells Fargo Bank in the form of a Book entry deposit to the Department of the Interior (Federal Bond #UT 0699).

This statement is submitted with the support of the Midland American Bank, Midland Texas, Attn: Carl Reiter, and Collins & Ware, Inc., Midland Texas, Attn: Ted Collins.

Raging Bull #1, NE, SW, Sec 26, Twp 8S, Rge 24 E, Lease #U52765, Uintah County, Utah.

Fed 26-1, NW, SW, Sec 26, Twp 8S, Rge 24E, Lease #U52765, Uintah County, Utah.

Fed 27-3, SE, SE, Sec 27, TWP 8S, Rge 24 E, Lease #U52765, Uintah County, Utah.

Fed 27-2, SW, SE, Sec 27, Twp 8S, Rge 24 E, Lease #U52763, Uintah County, Utah.

Fed 1-27, SE, SW, Sec 27, Twp 8S, Rge 24E, Lease #U54928, Uintah County, Utah.

Fed 34-2, NE, FW, Sec 34, Twp 8S, Rge 24 E, Lease #U52767, Uintah County, Utah.

Fed 34-1, NW, SW, Sec 34, Twp 8S, Rge 24 E, Lease #52767, Uintah County, Utah.

Fed 34-3, SW, NW, Sec 34, Twp 8S, Rge 24 E, Lease #52767, Uintah County, Utah.

OT Fed 34-1, NW, SW, Sec 34, Twp 89, Rge 24 E, Lease  
#58726, Uintah County, Utah.

Fed 33-1, NE, SE, Sec 33, Twp 89, Rge 24E, Lease  
#58726, Uintah County, Utah.

Please Advise if you have any questions.

Yours truly,



Ken Allen

Cochrane Resources, Inc.  
P.O. Box 1656  
Roosevelt, Utah 84066

Telephone 801-722-5081

Fax 801-722-4473

Date: July 18 1997

To: Lisha Cordova  
801-359 3940

From: Ken Allen

Pages: 2 more

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

GILMORE OIL AND GAS CO  
 PO BOX 684729  
 AUSTIN TX 78768-4729

UTAH ACCOUNT NUMBER: N5680

REPORT PERIOD (MONTH/YEAR): 6 / 97

AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number      Entry      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
RAGING BULL UNIT #1						
4304731344 09140 08S 24E 26	GRRV			u 41813		
FEDERAL 1-27						
4304731847 10914 08S 24E 27	GRRV			u 54928		
FEDERAL 34 #1						
4304731862 11001 08S 24E 34	GRRV			u 52767		
FEDERAL 34 #2						
4304731891 11001 08S 24E 34	GRRV			"		
FEDERAL 34-3						
4304731909 11001 08S 24E 34	GRRV			"		
FEDERAL 27 #2						
4304731877 11028 08S 24E 27	GRRV			u 52765		
FEDERAL 27 #3						
4304731890 11028 08S 24E 27	GRRV			"		
FEDERAL 26-1						
4304731905 11028 08S 24E 26	GRRV			"		
Q-T FEDERAL 34-1						
4304731907 11144 08S 24E 34	GRRV			u 58726		
FEDERAL 33-1						
4304731904 11164 08S 24E 33	GRRV			u 58725		
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

July 10, 1997

Ken Allen  
Cochrane Resources, Inc.  
P O Box 1656  
Roosevelt, Utah 84066

Re: *43-047-31907*  
Federal QT 34-1  
NWSW, Sec. 34, T8S, ~~R17E~~ *24E*  
Lease U-58726  
Uintah County, Utah

Dear Mr. Allen:

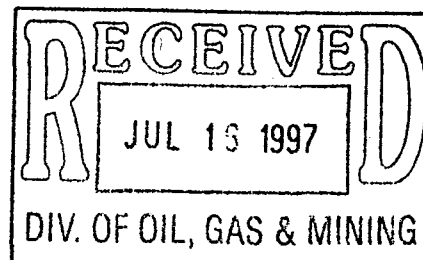
This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Cochrane Resources, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0699, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

cc: Gilmore Oil & Gas, Inc.  
Utah Division Oil, Gas & Mining  
Ted Collins Jr.  
Herbert E Ware Jr.  
Costilla Energy Inc.  
Ballard Petroleum LL





## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LHC	6-LHC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 7-10-97

TO: (new operator) COCHRANE RESOURCES INC FROM: (old operator) GILMORE OIL AND GAS CO  
 (address) PO BOX 1656 (address) PO BOX 684729  
ROOSEVELT UT 84066 AUSTIN TX 78768-4729  
KEN ALLEN  
 Phone: (801) 722-5081 Phone: (512) 469-9680  
 Account no. N7015 Account no. N5680

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-047-39107</u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u>      </u>
Name: <u>      </u>	API: <u>      </u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u>      </u>

## OPERATOR CHANGE DOCUMENTATION

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Reg. 7-17-97) \* See Comments.
- See 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Reg. 7-17-97) (Rec'd 7-18-97)
- N/A/See 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no)        If yes, show company file number:
- See 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- See 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (7-18-97)
- See 6. **Cardex** file has been updated for each well listed above. (7-18-97)
- See 7. Well file labels have been updated for each well listed above. (7-18-97)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (7-18-97)
- See 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Lec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Lec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A DCS 7/20/97 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated     19    , of their responsibility to notify all interest owners of this change.

## FILMING

- VB 1. All attachments to this form have been **microfilmed**. Today's date: 8.8.97.

## FILING

1. Copies of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

## COMMENTS

970717 BLM/Vernal Appv. 7-10-97.  
970728 Gilmore 2 & 6 - Legal Issue Pending; will not resign as operator as of yet.  
Advised to send follow-up doc. to BLM/Vernal and Dofm when settled. As of  
7-10-97 recognized operator Cochrane Resources.



United States Department of the Interior  
BUREAU OF LAND MANAGEMENT

Vernal Field Office  
170 South 500 East  
Vernal, UT 84078  
(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3  
UT08300

June 8, 2004

William Gilmore  
Weststar Exploration Company  
811 Rusk, Suite 708  
Houston, Texas 77002

43 047 31862  
Re: Well No. Federal 34 No. 1  
NESW, Sec. 34, T8S, R24E  
Uintah County, Utah  
Lease No. UTU-58726

Dear Mr. Gilmore:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Weststar Exploration Co. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000101, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Minerals Resources

cc: UDOGM  
Costilla Energy Inc.  
Encana O&G (USA) Inc.

RECEIVED

JUN 28 2004

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Cochrane Resources, Inc. <i>N7015</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO Box 1656 CITY Roosevelt, Utah STATE ZIP 84066		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (435) 722-5081		8. WELL NAME and NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT:
		COUNTY: <u>Unitah</u>
		STATE: <u>UTAH</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Cochrane Resources has been replaced as operator by Westar Exploration on the following wells:

Raging Bull Unit 1	4304731344 09140	Sec 26 R08S 24E
Federal 1-27	4304731847 10914	Sec 27 R08S 24E
Federal 34-1	4304731862 11001	Sec 34 R08S 24E
Federal 34-2	4304731891 11001	Sec 34 R08S 24E
Federal 34-3	4304731909 11001	Sec 34 R08S 24E
Federal 27-2	4304731877 11028	Sec 27 R08S 24E
Federal 27-3	4304731890 11028	Sec 27 R08S 24E
Federal 26-1	4304731905 11028	Sec 26 R08S 24E
Q-T Federal 34-1	4304731907 11144	Sec 34 R08S 24E
Federal 33-1	4304731904 11164	Sec 33 R08S 24E

Effective date June 8, 2004. *TD*

NAME (PLEASE PRINT) <u>Debbie Allen</u>	TITLE <u>Agent</u>
SIGNATURE <i>[Signature]</i>	DATE <u>6/30/2004</u>

(This space for State use only)

RECEIVED  
JUL 01 2004  
DIV. OF OIL, GAS & MINING

# Weststar Exploration Company

811 Rusk, Suite 708  
Houston, Texas 77002  
Phone: (713) 223-5837 FAX: (713) 933-0261

N 2655

## Well Descriptions

(All Wells located in T8S – R24E, Uintah County, Utah)

<u>Well Name</u>	<u>Well #</u>	<u>Location</u>	<u>BLM Lease No.</u>	<u>API Number</u>
Federal 27	1	SESW, Sec 27	UTU-54928	43-047-3184700S1
Federal 27	2	SWSE, Sec. 27	UTU-52765	43-047-3187700S1
Federal 27	3	SESE, Sec. 27	UTU-52765	43-047-3189000S1
Federal 26	1	NWSW, Sec. 26	UTU-52765	43-047-3190500S1
Raging Bull	1	NESW, Sec. 26	UTU-41813	43-047-3134400S1
Federal 34	1	NWNW, Sec. 34	UTU-52767	43-047-3186200S1
Federal 34	2	NENW, Sec. 34	UTU-52767	43-047-3189100S1
Federal 34	3	SWNW, Sec. 34	UTU-52767	43-047-3190900S1
Federal QT 34	1	NWSW, Sec. 34	UTU-58726	43-047-3190700S1
Federal 33	1	NESE, Sec. 33	UTU-58725	43-047-3190400S1

June, 2004

10

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-58726
2. Name of Operator Weststar Exploration Company		6. If Indian, Allottee or Tribe Name N/A
3a. Address 811 Rusk, Suite 708, Houston, TX 77002	3b. Phone No. (include area code) 713/223-5837	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 540' FEL & 2,115' FSL(NESW), Sec. 34, T8S-R24E		8. Well Name and No. QT Federal 34 No. 1
		9. API Well No. 43-047-31907
		10. Field and Pool, or Exploratory Area North Bonanza Field
		11. County or Parish, State Uintah County, Utah

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change of Operator
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please be advised that Weststar Exploration Company is considered to be the operator of the well know as the QT Federal 34 No. 1; NESW, Section 34, Township 8 South - Range 24 East, Uintah County, Utah. The company is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by a \$25,000 cash Statewide Bond No. - UTB000101 that was approved March 29, 2004, a copy of which is attached to this notice.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) William Gilmore		Title Agent
Signature <i>William Gilmore</i>	Date 5-14-04	

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <i>Thomas B. Cleary</i> Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.	Assistant Field Manager Mineral Resources Office	Date 06/08/2004
---	--	--------------------

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED  
JUL 28 2004

OPERATOR

DIV. OF OIL, GAS & MINING

### 3. FILE

### Designation of Agent/Operator

## Merger

**6/8/2004**

**TO: ( New Operator):**  
N2655-Weststar Exploration Company  
811 Rusk, Suite 708  
Houston, TX 77002  
  
Phone: 1-(713) 223-5837

Unit:

[illegible]

5. If **NO**, the operator was contacted contacted on: 7/28/2004

6. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 6/8/2004 BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

#### DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 7/28/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 7/28/2004
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

#### STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: n/a

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000101

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

#### FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

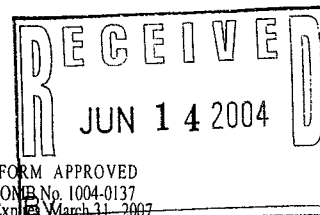
3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER



1a. Type of work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER <i>Deepening</i>		5. Lease Serial No. U - 58726
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Weststar Exploration Company		7. If Unit or CA Agreement, Name and No. North Bonanza Unit(pending)
3a. Address 811 Rusk, Suite 708 Houston, TX 77002		8. Lease Name and Well No. QT Federal 34 No. 1
3b. Phone No. (include area code) 713/223-5837		9. API Well No. 43-047-31907
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW <del>SW</del> , Sec. 34, T8S - R24E (510' FEL & 2,115' FSL of Sec. 34) At proposed prod. zone NW <del>SW</del> , Sec. 34, T8S - R24E (510' FEL & 2,115' FSL of Sec. 34)		10. Field and Pool, or Exploratory North Bonanza Field(Green River)
14. Distance in miles and direction from nearest town or post office* 35 Miles South of Vernal, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 34, T8S - R24E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 540' FEL & 2,115' FSL of Sec. 34, T8S-R24E	16. No. of acres in lease 640 Acres	17. Spacing Unit dedicated to this well S/2 Sec. 34, T8S - R24E, 320 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NONE	19. Proposed Depth 8,350'	20. BLM/BIA Bond No. on file UTB000101
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,327' Casing Head elevation	22. Approximate date work will start* 07/15/2004	23. Estimated duration 15 Days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>William Gilmore</i>	Name (Printed/Typed) William Gilmore	Date 06/10/2004
Title Agent		

Approved by (Signature) <i>Edwin I. Fersman</i>	Name (Printed/Typed) EDWIN I FERSMAN	Date 8/20/04
Title Acting Assistant Field Manager Acting Mineral Resources	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED  
AUG 30 2004  
DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Weststar Exploration Comp.

Well Name & Number: QT Federal 34 #1

Lease Number: U-58726

API Number: 43-047-31907

Location: NWSW Sec. 34 T. 8S R. 24E

Agreement: N/A

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil & Gas Order No. 2, regarding air or gas drilling shall be adhered to.

3. Casing Program and Auxiliary Equipment

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

As a minimum requirement, the cement behind the slimhole casing must extend at least 200' above the top of any potentially productive zone.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM.**

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the

drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

No new surface disturbance will be needed. The original access road and well pad will be used. The reserve pit shall be constructed in the same location as the original pit. Once the pit has been constructed, it shall be inspected to determine if a liner is necessary.



**Weststar Exploration Company**

**811 Rusk, Suite 708**

**Houston, Texas 77002**

Phone(713) 223-5837 Fax:(713) 933-0261

E-mail: [oilandgasproduciton@yahoo.com](mailto:oilandgasproduciton@yahoo.com)

RECEIVED  
SEP 27 2004  
DIV. OF OIL, GAS & MINING

September 23, 2004

Utah Division of Oil, Gas, & Mining  
Attn: Diana Whitney  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

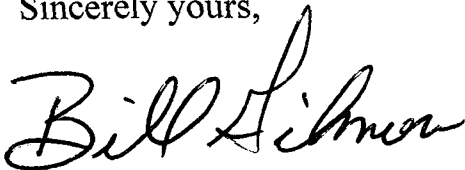
Re: QT Federal 34 No. 1, Uintah County, Utah  
Application for Permit to Drill

Dear Diana,

Enclosed is the "Application for Permit to Drill" the captioned well.  
Please note that this proposed operation is to deepen this existing well.

Should you require any additional information, please so advise.

Sincerely yours,



William C. Gilmore

Attachments

RECEIVED

SEP 27 2004

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3160

UT08300

August 23, 2004

William Gilmore  
Weststar Exploration Co.  
811 Rusk, Suite 708  
Houston, Texas 77002

Re: Well No. QT Federal 34 #1  
NWSW, Sec. 34, T8S, R24E  
Uintah County, Utah  
Lease No. U-58726

Dear Mr. Gilmore:

Enclosed are two (2) approved copies of the Application for Permit to Deepen (APD) with attached Conditions of Approval for the above referenced well.

If you have any questions concerning APD processing, please contact me at (435) 781-4497.

Sincerely,

Leslie Walker  
Legal Instruments Examiner

Enclosures

Form 3160-3  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. U - 58726
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Weststar Exploration Company		7. If Unit or CA Agreement, Name and No. <del>North Bonanza Unit (pending)</del>
3a. Address 811 Rusk, Suite 708 Houston, TX 77002		8. Lease Name and Well No. QT Federal 34 No. 1
3b. Phone No. (include area code) 713/223-5837		9. API Well No. 43-047-31907
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface NW 1/4 SW, Sec. 34, T8S - R24E (510' FEL & 2,115' FSL of Sec. 34) At proposed prod. zone NW 1/4 SW, Sec. 34, T8S - R24E (510' FEL & 2,115' FSL of Sec. 34)		10. Field and Pool, or Exploratory North Bonanza Field (Green River) <sup>Le 31</sup>
14. Distance in miles and direction from nearest town or post office* 35 Miles South of Vernal, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 34, T8S - R24E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 540' FEL & 2,115' FSL of Sec. 34, T8S-R24E	16. No. of acres in lease 640 Acres	12. County or Parish Uintah County
17. Spacing Unit dedicated to this well S/2 Sec. 34, T8S - R24E, 320 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NONE	13. State UT
19. Proposed Depth 8,350'	20. BLM/BIA Bond No. on file UTB000101	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,327' Casing Head elevation	22. Approximate date work will start* 07/15/2004	23. Estimated duration 15 Days
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>William Gilmore</i>	Name (Printed/Typed) William Gilmore	Date 06/10/2004
Title Agent		

Approved by (Signature) <i>Edwin I. Fergman</i>	Name (Printed/Typed) EDWIN I FERGMAN	Date 8/20/04
Title Acting Mineral Resources		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

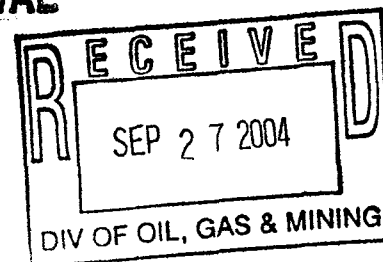
**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

NOTICE OF APPROVAL

Surf 652872X 40.077606  
4437701Y - 109.207152

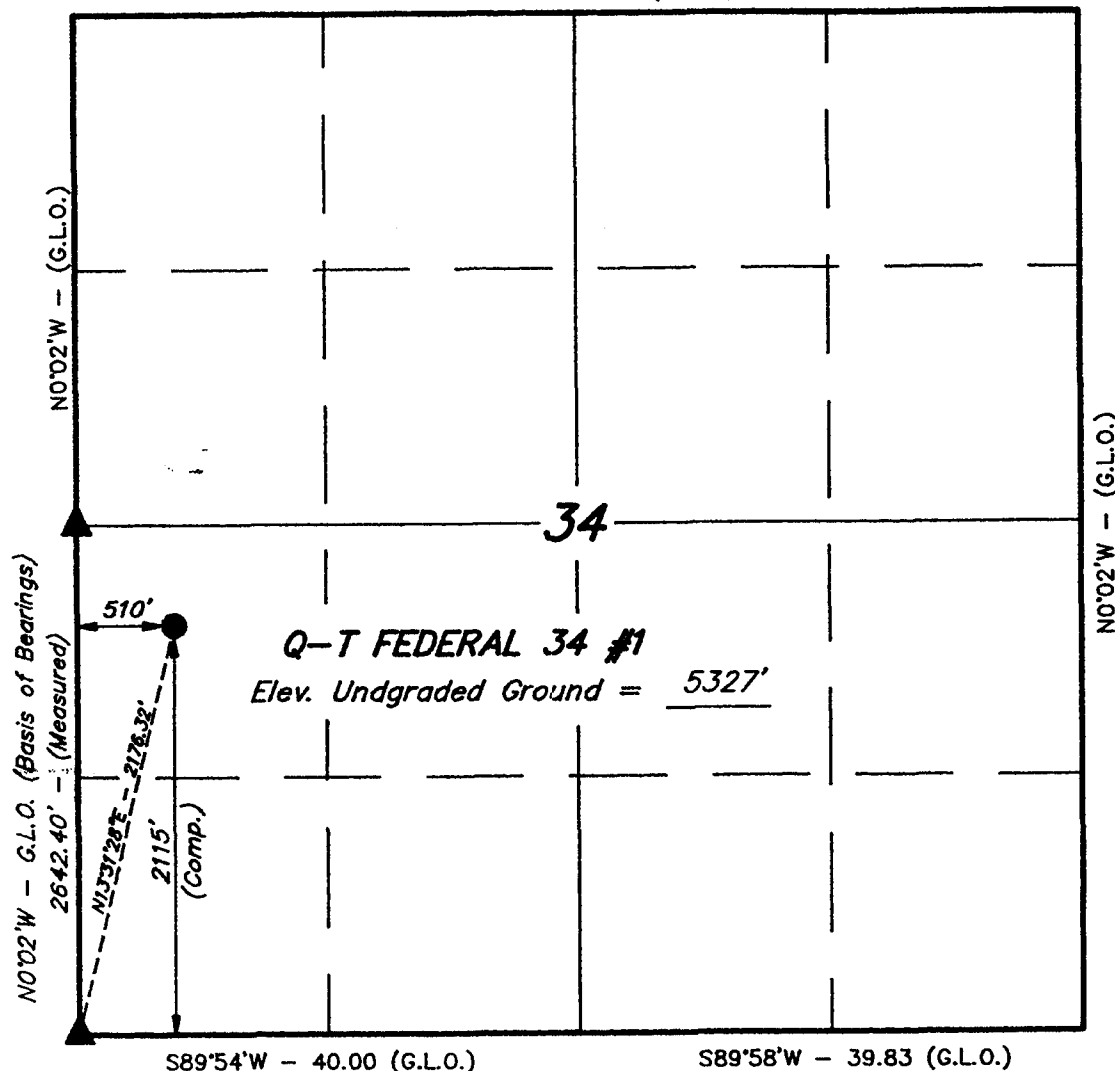


**T8S, R24E, S.L.B.&M.**

## Weststar Exploration Company

Well location, Q-T FEDERAL 34 #1, located as shown in the NW 1/4 SW 1/4 of Section 34, T8S, R24E, S.L.B.&M. Uintah County, Utah.

S89°58'W - 79.76 (G.L.O.)



### BASIS OF ELEVATION

BENCH MARK 45EAM IN THE SW 1/4 OF SECTION 34, T8S, R24E, S.L.B.&M. TAKEN FROM THE BONANZA QUADRANGLE, UTAH - UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP). PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5350 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE SURVEY WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX 1758 - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 8-22-90
PARTY L.D.T. G.S. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM, CLEAR	FILE

▲ = SECTION CORNERS LOCATED. (Brass Caps)



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3104

(UT-924)

UTU-73017

#### DECISION

**Obligor:**

Westar Exploration Company

Houston CLB Building 811 Rusk #710

Houston, TX 77002

Bond Amount: \$25,000

Bond Type: Statewide Oil and Gas

BLM Bond No.: UTB000101

#### Statewide Personal Oil and Gas Bond Accepted

On March 29, 2004, this office received an executed bond form and cashier's check in the amount of \$25,000. The bond has been examined, found to be satisfactory, and is accepted March 29, 2004, the date of filing.

The funds will be retained in a suspense account until all terms and conditions of your Federal leases have been fulfilled or until satisfactory replacement bond coverage has been accepted, at which time a refund of the cash deposit will be authorized.

The bond will be maintained by this office. The bond constitutes coverage of all operations by or on behalf of the obligor on Federal leases in the State of Utah and where the obligor has interest in, land or responsibility for operations on, leases issued under the authority of any of the Acts cited on the bond form. Please note that Federal leases do not include Indian leases.

Connie J. Seare

Acting Chief, Branch of  
Minerals Adjudication

## **Weststar Exploration Company**

**811 Rusk, Suite 708  
Houston, TX 77002  
Phone: (713) 223-5837**

# **Drilling Program**

**Well: QT Federal 34 No. 1  
Location: NWSW, Sec. 34, T8S – R24 E  
Uintah County, Utah**

**BACKGROUND:** The operator proposes to re-enter and deepen this existing wellbore thru the 5 1/2" casing and test numerous possible reservoirs in the Wasatch and Mesaverde formations. This well was originally drilled in 1990 to a depth of 4,000' and completed thru perforations in the Green River sand from 3,816-3,957'. Operations are scheduled to start on approximately July 15, 2004.

1. Estimated Tops of Important Geologic Markers:

Wasatch Formation:	4,100'
Mesaverde Formation:	6,200'
Mancos Formation:	8,300'

2. Estimated depths at which the top and the bottom of anticipated water (particularly fresh water), oil, gas or other mineral-bearing formations are expected to be encountered and the lessee's or operator's plans for protecting such resources.

No fresh water is anticipated to be encountered in this re-entry and deepening operation. Possible oil and gas bearing zones could be encountered from the base of the existing 5 1/2" casing at 4,000' to the anticipated total depth of 8,350'. The primary objective of this operation is the gas bearing zones in both the Wasatch and Mesaverde zones and if encountered will be protected by cementing casing through

the zone. No commercial water or other mineral bearing formations are expected to be encountered.

3. Lessee's or operator's minimum specifications for pressure control equipment to be used and a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency.

SEE Attachment

4. any supplementary information more completely describing the drilling equipment and casing program as set forth on the Form 3160-3.

Casing Program:

Surface Casing(existing): 8 5/8", 24.0 lb/ft, Set @ 315' in 12 1/4" hole with cement to surface(225 sacks)

Production Casing(existing): 5 1/2", 15.5 lb/ft, Set @ 4,000' in 7 7/8" hole, Cemented with 225 sacks of Hifill and 210 sacks of Thixotropic expanding cement.

Slim Hole Casing(new): 2 7/8", 6.5 lb/ft, to be set at total depth and Cemented with high compressive strength cement in an amount to be determined by well conditions.

5. Type and characteristics of the proposed circulating medium or mediums to be employed in drilling, the quantities and types of mud and weighting material to be maintained, and the monitoring equipment to be used on the mud system.

Interval	Weight(lb/gal)	Viscosity	Water Loss	Type
0-4,000'	8.4	28	NC	FW
4,000'-6,200'	8.4-8.6	30-32	NC	FW
6,200'-7,000'	8.5-8.7	32-34	NC	FW
7,000'-8,350'	8.6-8.8	34-36	NC	FW

Sufficient mud materials to maintain mud requirements and meet lost circulation and blowout problems will be on well site.

6. The anticipated type and amount of testing, logging, and coring.

No drill stem testing is planned for this deepening operation. A mud logger will be utilized starting below the 5 ½" casing shoe. A gamma ray/neutron and resistivity log will be run in the open hole if hole conditions allow. No coring is planned for this well.

7. The expected bottom hole pressure and any anticipated abnormal pressures or temperatures or potential hazards, such as hydrogen sulfide, expected to be encountered, along with contingency plans for mitigating such identified hazards.

No abnormal pressures, temperatures or potential hazards are expected to be encountered for this well. No hydrogen sulfide is expected for this well.

8. Any other facets of the proposed operation which the lessee or operator wishes to point out for the BLM's consideration of the application.

The operator may choose to run a down hole mud motor and a PDC bit in an effort to maximize drilling efficiency.

Prepared June 10, 2004 by William Gilmore

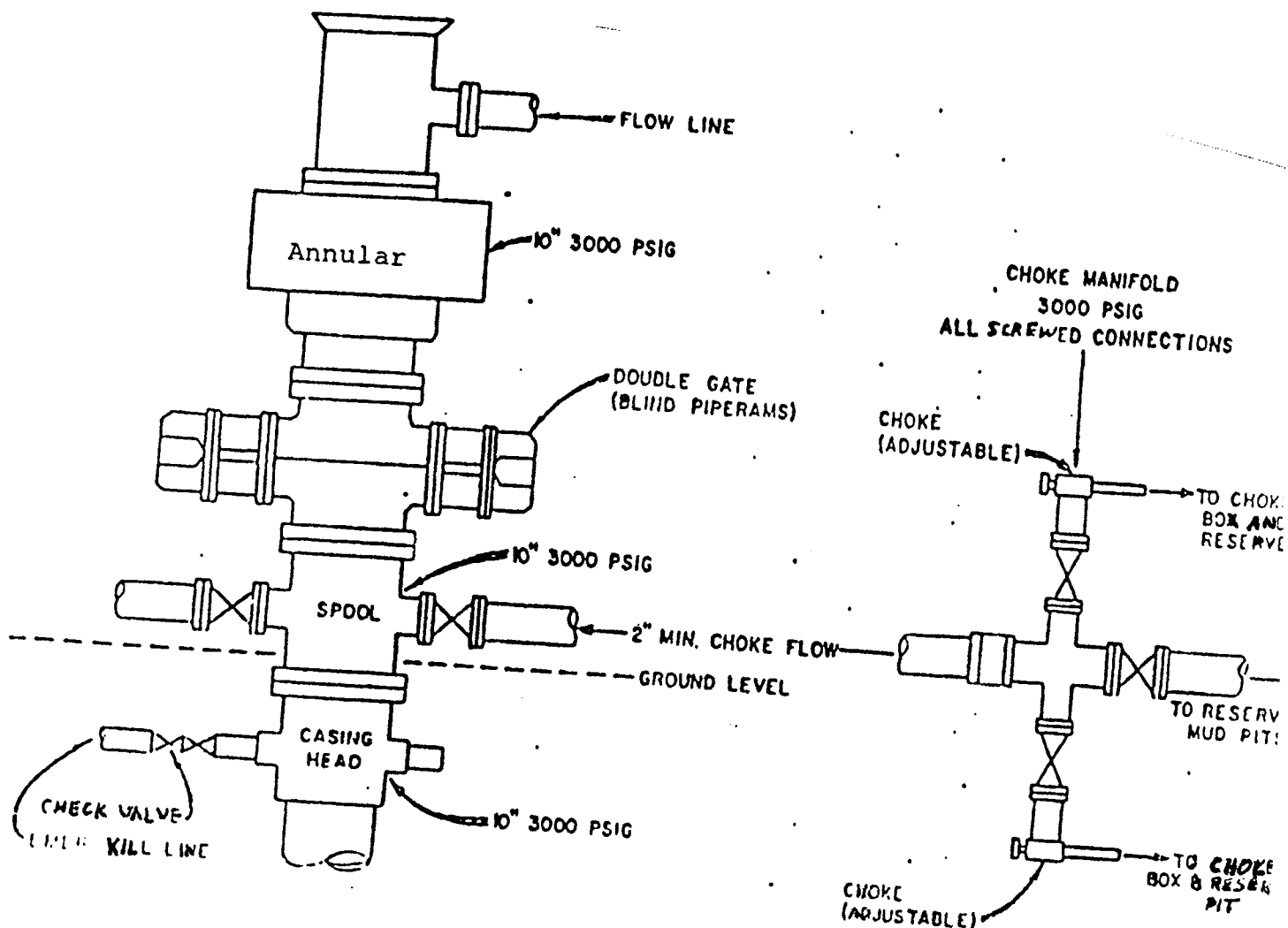


# Weststar Exploration Company

811 Rusk, Suite 708  
Houston, Texas 77002  
Phone: (713) 223-5837

## WELLHEAD EQUIPMENT FOR DRILING OPERATION

Well: QT Federal 34 No. 1  
Location: NWSW, Sec. 34, T8S - R24E  
Uintah County, Utah



## **Weststar Exploration Company**

**811 Rusk, Suite 708**

**Houston, TX 77002**

**Phone: (713) 223-5837**

# **Surface Use Program**

**Well: QT Federal 34 No. 1**

**Location: NWSW, Sec. 34, T8S – R24 E**

**Uintah County, Utah**

**BACKGROUND:** The operator proposes to re-enter and deepen this existing wellbore thru the 5 1/2" casing and test numerous possible reservoirs in the Wasatch and Mesaverde formations. This well was originally drilled in 1990 to a depth of 4,000' and completed thru perforations in the Green River sand from 3,816-3,957'. Operations are scheduled to start on approximately July 15, 2004.

### **1. Existing Roads**

Since this is an existing well, the operator proposes to use the currently existing access road. This location can be reached by taking State Highway 45 south out of vernal approximately 35 miles and go 1/4 mile past the "old Bonanza highway" to the location on the left and enter the lease road and go approximately 250' to the existing location. No new roads are proposed and the access road is and has been maintained. The access road will not cross any Indian lands.

### **2. Access Roads to be Constructed and Reconstructed.**

No new roads will be constructed or reconstructed.

### **3. Location of Existing Wells.**

A. Water wells: None

B. Injection wells: None

- C. Abandoned wells: 1) NW/4, Sec. 34, T8S – R24E, Alamo-Unit #1
- D. Disposal wells: None
- E. Producing wells: 1) Federal 27 #1, SWSE, Sec. 27, T8S – R24E
  - 2) Federal 27 #2, SESE, Sec. 27, T8S – R24E
  - 3) Federal 27 #3, NESE, Sec. 27, T8S – R24E
  - 4) Federal 26 #1, NWSW, Sec. 26, T8S – R24E
  - 5) Raging Bull #1, NESW, Sec. 26, T8S – R24E
  - 6) Federal 33 #1, NENE, Sec. 33, T8S – R24E
  - 7) Federal 34 #1, NWNW, Sec. 34, T8S – R24E
  - 8) Federal 34 #2, NENW, Sec. 34, T8S – R24E
  - 9) Federal 34 #3, SWNW, Sec. 34, T8s – R24E
- F. Drilling wells: None
- G. Permitted wells: None

4. Location of Existing and/or Proposed Facilities if Well is Productive.

- A. On well pad. A flowing gas well will be produced thru a Christmas tree and a gas production unit, a water tank and an oil tank with the associated flow lines. All permanent structures/equipment will be painted a flat non-reflective earth tone Desert Brown color to match the recommended environmental colors.
- B. Off well pad. The information is not know at this time and cannot be accurately presented until the well is successfully completed for production. The operator will then comply with this section.

5. Location and Type of Water Supply (Rivers, Creeks, Lakes, Ponds, and Wells).

- A. The source of water will be from the City of Vernal, Utah.
- B. Water will not be obtained from Federal or Indian projects.
- C. A water well will not be drilled.
- D. Water will be trucked to the location.

6. Construction Materials.

- A. The existing well site will used for this proposed operation. Native soil will utilized in the drilling site and access road. No additional construction material will be required for drilling operations.
- B. No construction material will used from Federal or Indian Lands.

7. Methods for Handling Waste Disposal.

- A. Cuttings: An unlined reserve pit in the dimension of 40' x 60' x 8' located over the original reserve pit will be utilized. This pit will be fenced on three(3) sides with wire mesh during drilling operations. The fourth side will be fenced off after drilling operations have been completed and the rig move off the location.

- B. Drilling Fluids: The unlined reserve pit will be constructed to prevent the collection of surface runoff. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.
- C. Produced Fluids:
  - 1) Any fluids recovered during drill stem tests will be collected in a test tank.
  - 2) During completion operations, produced fluids will be contained in a test tank.
  - 3) Water disposal will provided in accordance with the BLM regulations.
- 8. Ancillary Facilities.
  - 1) Sewage: A portable chemical toilet will be on location during drilling and completion operations.
  - 2) Garbage and Trash: A completely enclosed 8' x 15' x 4' woven mesh wire cage will be on location during this operation. Engine oil and lubricants will be collected in steel containers.
- 9. Well Site Layout.
  - A. The orientation of the rig, pits, associated equipment, and the reserve pit will be located as shown on the attached plat.
  - B. The access road to the location is show on the attached plat.
- 10. Plans for Reclamation of the Surface.
  - A. All pits will be backfilled, leveled and contoured as near the current condition as is practical within one year from the date of the well completion. Any stockpiled topsoil will be evenly distributed over the disturbed area. Waste material will be hauled to an approved sanitary landfill.
  - B. Revegetation and rehabilitation of the well site and access road will be coordinated with the BLM requirements.
  - C. All pits will fenced until dry and then backfilled.
  - D. If oil is present on the reserve pit, overhead flagging will be installed.
  - E. Rehabilitation will be commence when the rig moves out with the location restored within 30 days. Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production operations. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface. Seed will broadcast, a harrow or some other implement, will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the amount of seed will proportionately double the recommended pounds/ acre application. An appropriate seed mixture will be determined by the BLM either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin. At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.
- 11. Surface Ownership.

The BLM is the owner of the surface for this operation.

12. Other Information.

Weststar Exploration Company is the operator of this proposed operation and operations will be covered under State wide bond Number UTB000101. A copy of this bond approval is attached to this APD and is a part thereof.

13. Lessee's or Operator's Representative and Certification.

The operator's representative is as follows:

William Gilmore  
811 Rusk, Suite 708  
Houston, TX 77002

Phone: (713) 223-5837

The Operator's certification follows:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Weststar Exploration Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date: June 10, 2004.

Name: William Gilmore.

Signature William Gilmore

Title: Agent.

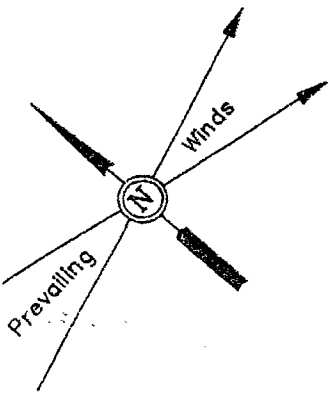
Prepared June 10, 2004 by William Gilmore

# WESTSTAR EXPLORATION COMPANY

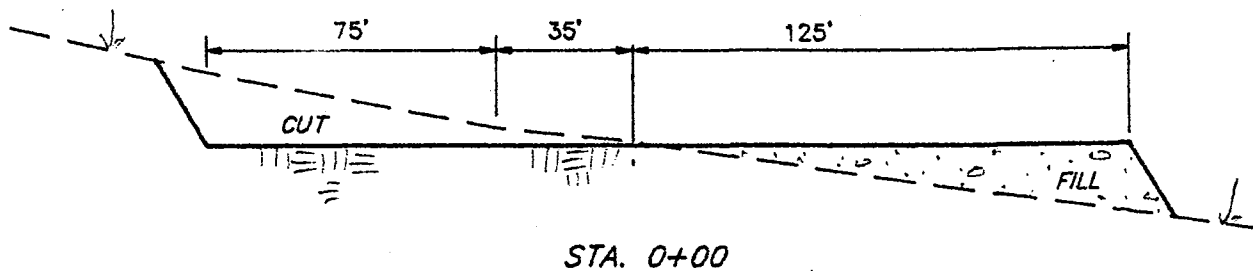
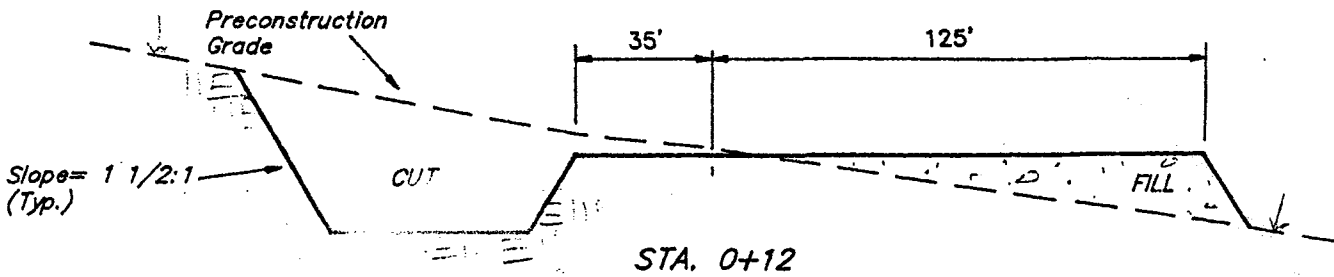
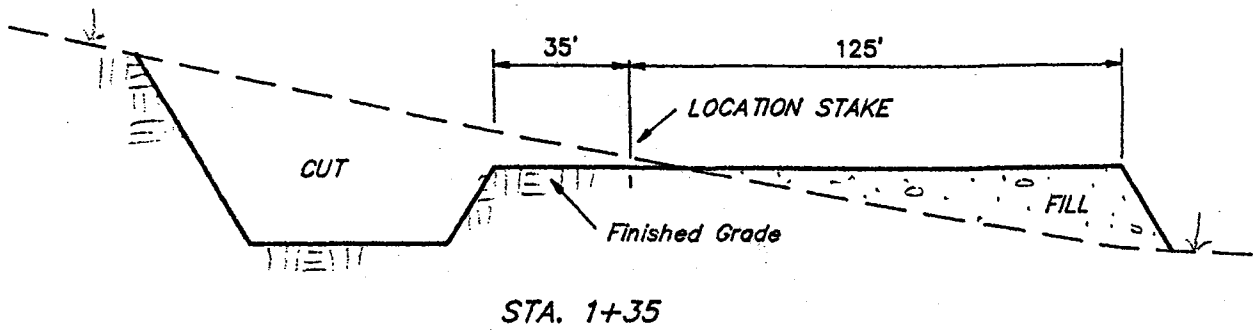
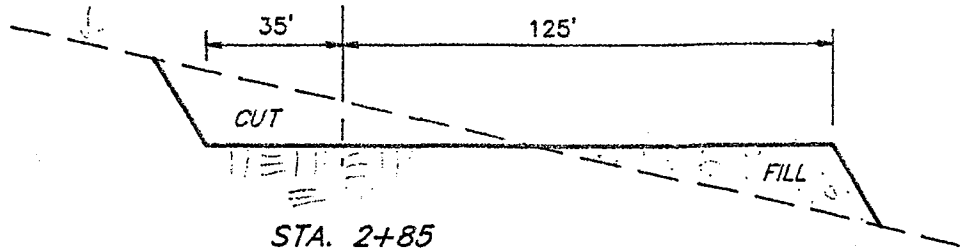
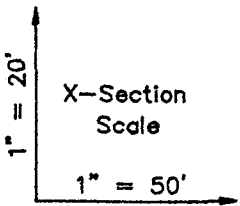
## LOCATION LAYOUT FOR

Q-T FEDERAL 34 #1

SECTION 34, T8S, R24E, S.L.B.&M.



SCALE: 1" = 50'  
DATE: 8-22-90  
Drawn By: J.R.S.



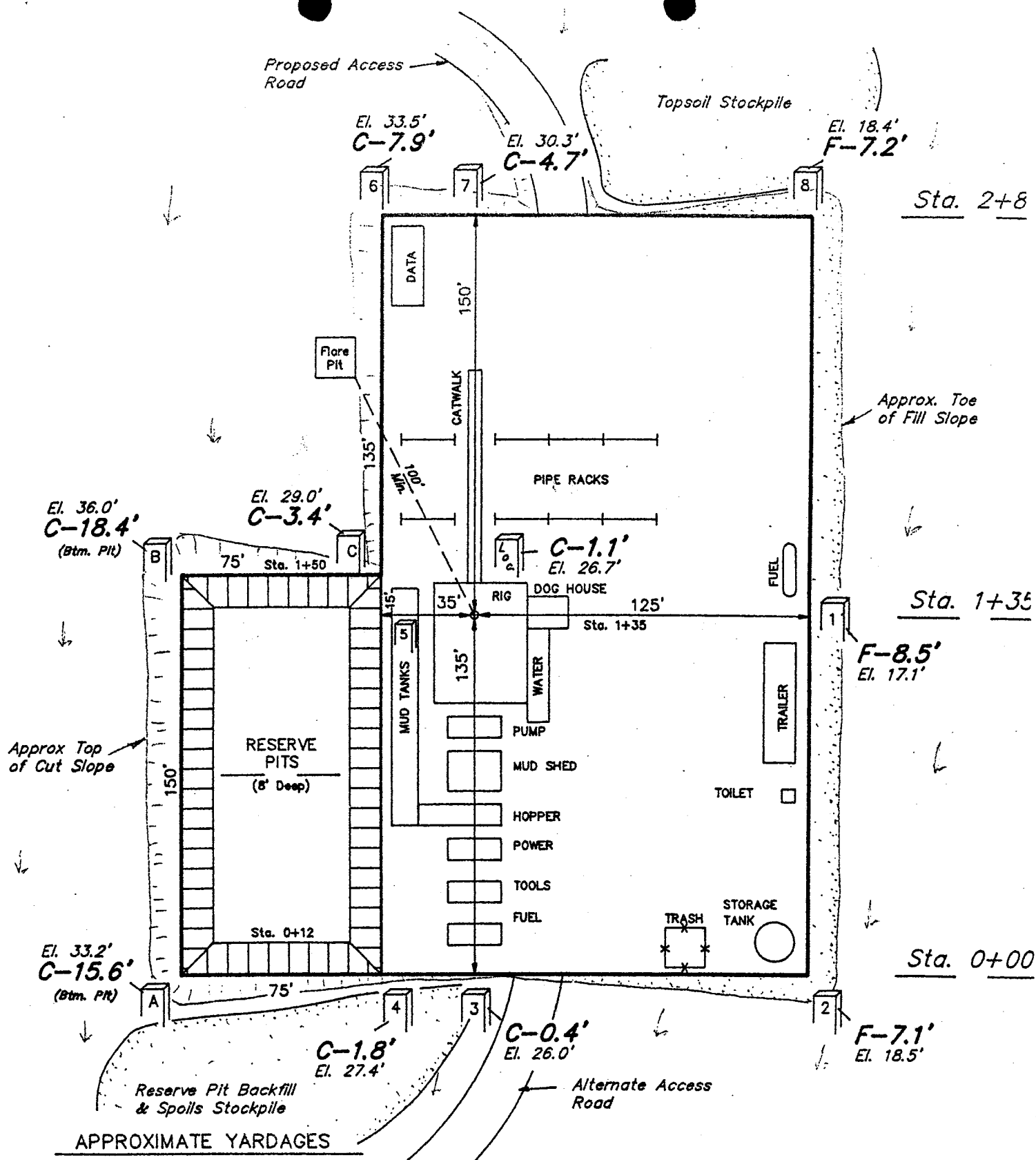
### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5326.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 5325.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS



#### APPROXIMATE YARDAGES

##### CUT

(6") Topsoil Stripping	= 1,050 Cu. Yds.
Pit Volume (Below Grade)	= 2,580 Cu. Yds.
Remaining Location	= 4,070 Cu. Yds.

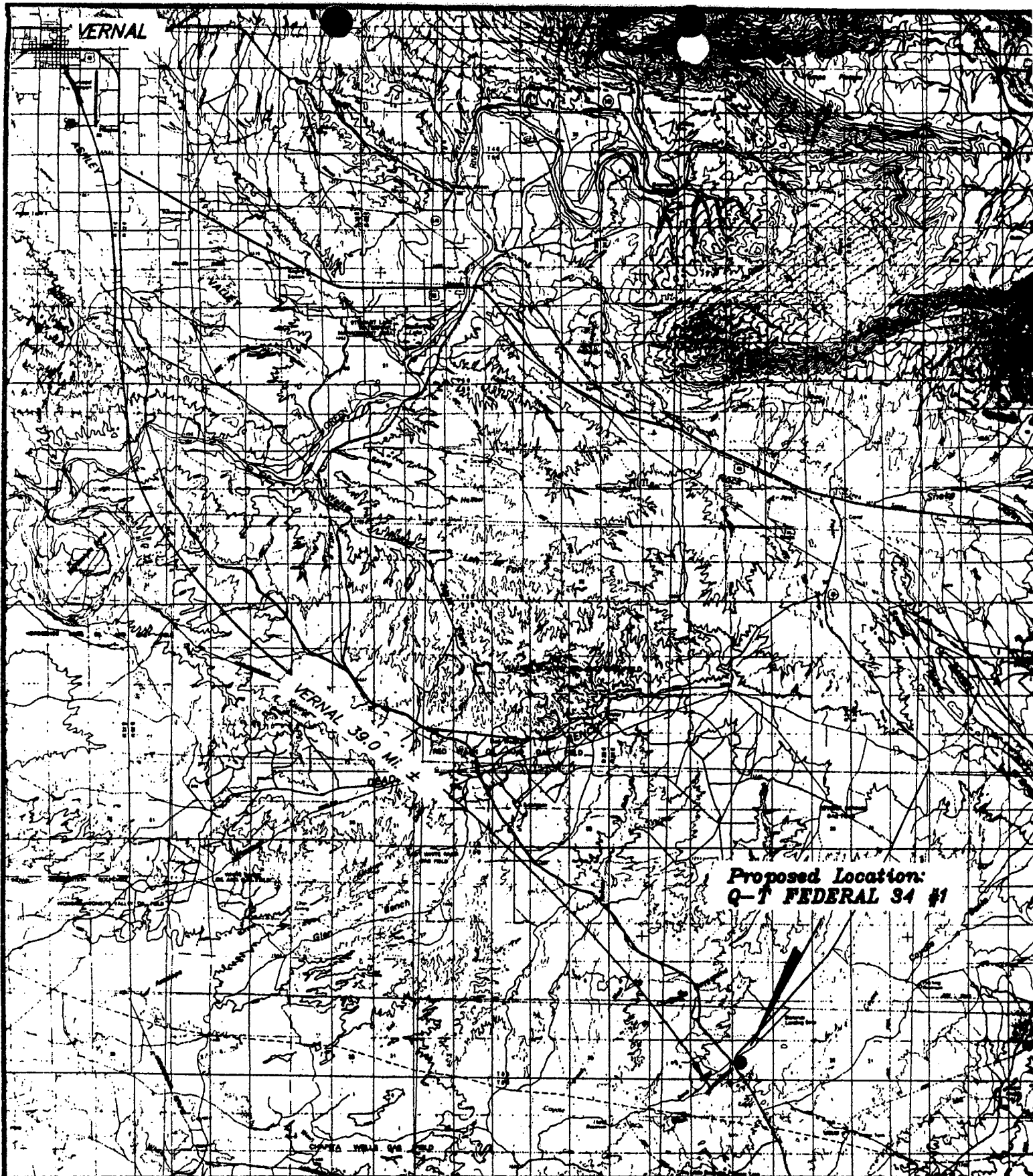
TOTAL CUT = 7,700 CU.YDS.

FILL = 5,090 CU.YDS.

##### EXCESS MATERIAL AFTER 5% COMPACTION

Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,340 Cu. Yds.
---------------------------------------	------------------

EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.



TOPOGRAPHIC

MAP "A"

DATE: 8-22-90

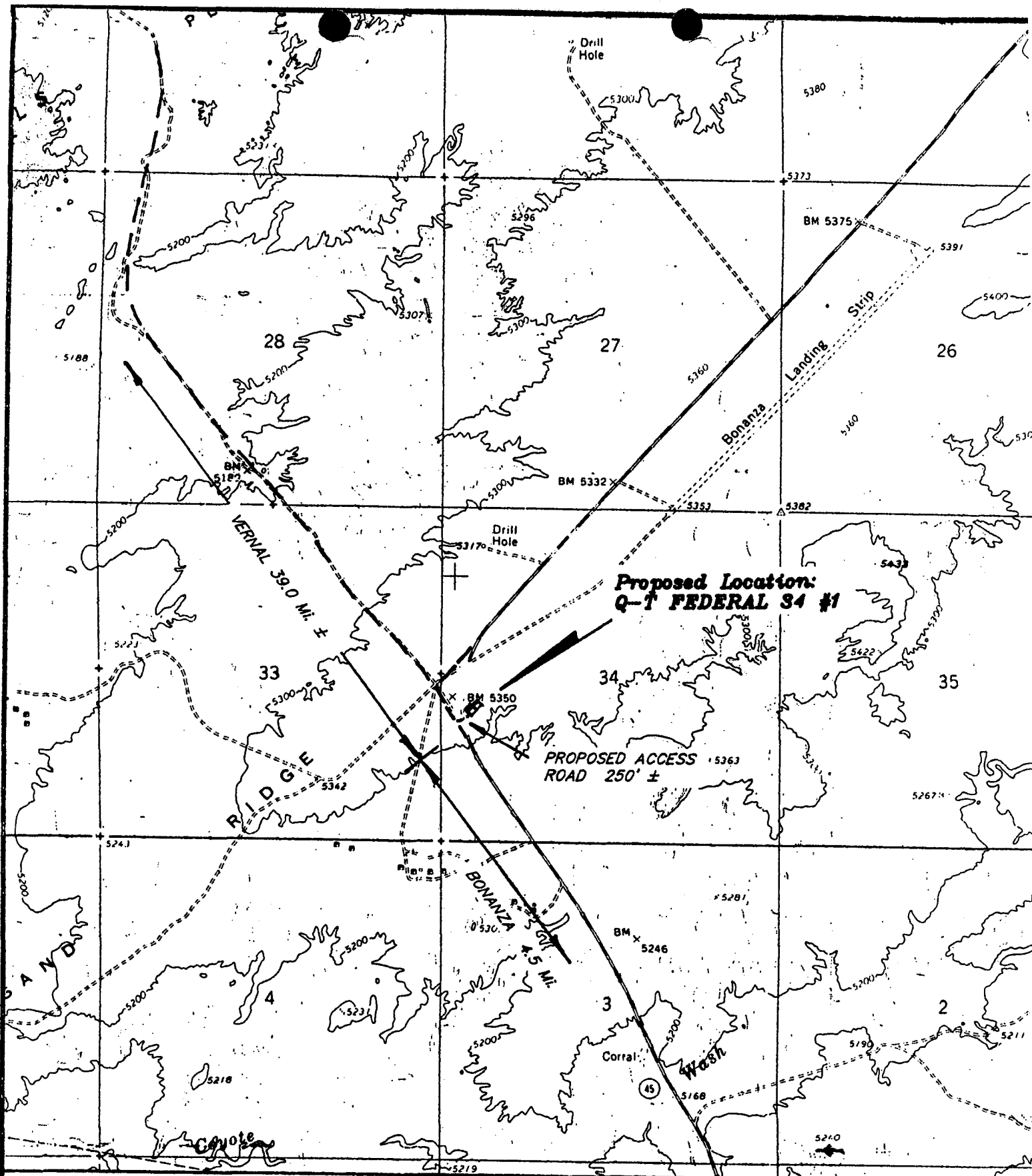


Weststar Exploration Company

Q-T FEDERAL 34 #1

SECTION 34, T8S, R24E, S.L.B.&M.





# TOPOGRAPHIC

## MAP "B"

DATE: 8-22-90  
SCALE 1" = 2000'

Weststar Exploration Company

Q-T FEDERAL 34 #1  
SECTION 34, T8S, R24E, S.L.B.&M.

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Weststar Exploration Comp.

Well Name & Number: QT Federal 34 #1

Lease Number: U-58726

API Number: 43-047-31907

Location: NWSW Sec. 34 T. 8S R. 24E

Agreement: N/A

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil & Gas Order No. 2, regarding air or gas drilling shall be adhered to.

3. Casing Program and Auxiliary Equipment

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

As a minimum requirement, the cement behind the slimhole casing must extend at least 200' above the top of any potentially productive zone.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

**Please submit an electronic copy of all logs run on this well in LAS format. This submission will supercede the requirement for submittal of paper logs to the BLM.**

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the

drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

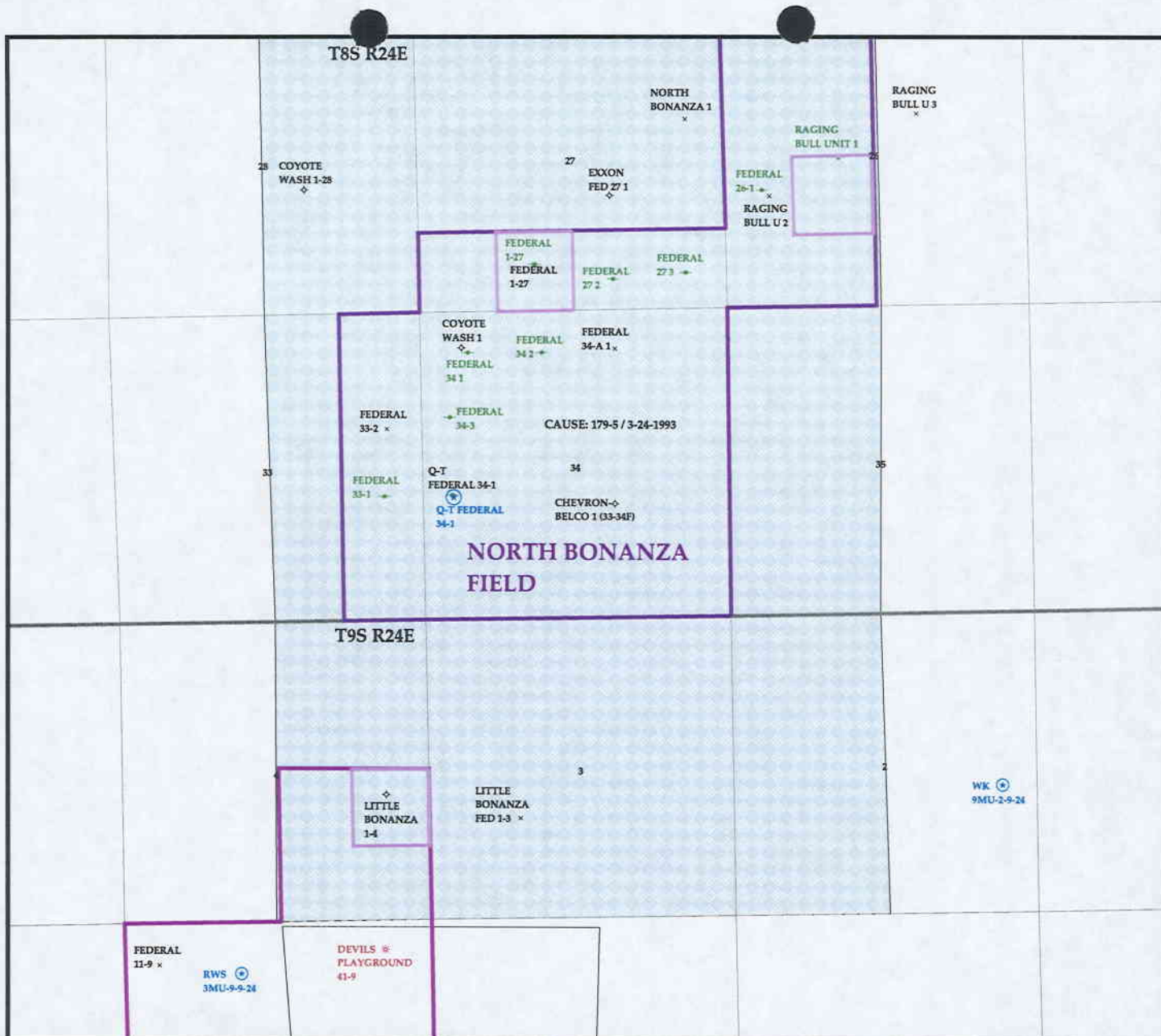
Drums, insulation and miscellaneous solids

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

No new surface disturbance will be needed. The original access road and well pad will be used. The reserve pit shall be constructed in the same location as the original pit. Once the pit has been constructed, it shall be inspected to determine if a liner is necessary.







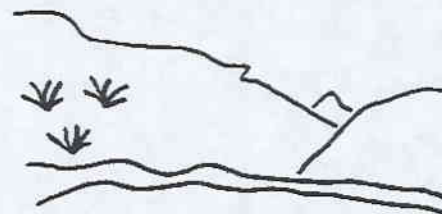
OPERATOR: WESTSTAR EXPL CO (N2655)

SEC. 34 T.8S R.24E

FIELD: NORTH BONANZA (631)

COUNTY: UINTAH

CAUSE: 179-5 / 3-24-1993



Utah Oil Gas and Mining

#### Wells

- ✱ GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ♠ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 4-OCTOBER-2004

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-58726
<b>b. TYPE OF WORK:</b> NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A
<b>2. NAME OF OPERATOR:</b> Weststar Exploration Company		<b>7. UNIT or CA AGREEMENT NAME</b> N/A
<b>3. ADDRESS OF OPERATOR:</b> 811 Rusk, Suite 708 Houston TX 77002		<b>8. WELL NAME and NUMBER:</b> QT Federal 34 # 1A
<b>4. LOCATION OF WELL (FOOTAGES)</b> AT SURFACE: 510' F <sup>EL</sup> & 2,115' FSL of Section AT TOP PRODUCING INTERVAL REPORTED BELOW: SAME AT TOTAL DEPTH: Same		<b>9. API NUMBER:</b> 4304731907
<b>10. FIELD AND POOL, OR WILDCAT</b> North Bonanza Field		<b>11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> NWSW 34 8S 24E
<b>12. COUNTY</b> Uintah		<b>13. STATE</b> UTAH

<b>14. DATE SPUDDED:</b> 3/8/2005	<b>15. DATE T.D. REACHED:</b> 4/15/2005	<b>16. DATE COMPLETED:</b> 6/3/2005	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	<b>17. ELEVATIONS (DF, RKB, RT, GL):</b> 5,340' KB
<b>18. TOTAL DEPTH:</b> MD 6,465 TVD 6,465	<b>19. PLUG BACK T.D.:</b> MD 6,462 TVD 6,462	<b>20. IF MULTIPLE COMPLETIONS, HOW MANY? *</b> Single Completion		<b>21. DEPTH BRIDGE</b> MD PLUG SET: TVD
<b>22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)</b> CBL, GR, Cal, Neutron, Density, Induction			<b>23.</b> WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

**24. CASING AND LINER RECORD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	8 5/8 J55	24.0	0	304		C 215	107	0	0
7 7/8"	5 1/2 K55	15.5	0	4,017		H 390	195	0	0
4 3/4"	2 7/8 J55	6.5	0	6,465		H 515	228	2562	0

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	6,465							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Mesaverde	6,099	6,149	6,099	6,149	6,099 6,149	.25	50	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6,099 - 6,149	200 Gallons 15% HCL and 30,000 Gallons gelled water with 50,000 pounds of 30/50 Sand and fraced down 2 7/8" Tubing.

**29. ENCLOSED ATTACHMENTS:**

- |   |  |                                       |   |
|---|--|---------------------------------------|---|
| <input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS              | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT   | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS   | <input type="checkbox"/> OTHER: _____ |   |

**30. WELL STATUS:**

**WOPL**

**JAN 18 2006**

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 6/3/2005		TEST DATE: 6/6/2005		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 3	GAS – MCF: 1,211	WATER – BBL: 43	PROD. METHOD: Flowing
CHOKE SIZE: 24/64	TBG. PRESS. 360	CSG. PRESS.	API GRAVITY 35.00	BTU – GAS 1,050	GAS/OIL RATIO 403,666	24 HR PRODUCTION RATES: →	OIL – BBL: 3	GAS – MCF: 1,211	WATER – BBL: 43	INTERVAL STATUS: Flowing

## INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Vented for testing

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Mesaverde	6,099	6,149	Gas	Mesaverde	

## 35. ADDITIONAL REMARKS (Include plugging procedure)

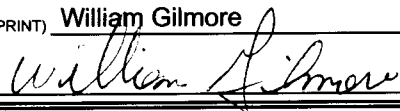
This is a deepening of an original Green River Sand oil Completion and completed by cementing 2 7/8" tubing in the hole.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) William Gilmore

TITLE President

SIGNATURE



DATE

1-12-06

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

# **Weststar Exploration Company**

**811 Rusk, Suite 708**

**Houston, Texas 77002**

**Phone(713) 223-5837 Fax:(713) 933-0261**

**E-mail: [oilandgasproduction@yahoo.com](mailto:oilandgasproduction@yahoo.com)**

January 12, 2006

**Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801**

Re: Form 8, Completion Report, QT Federal 34 # 1A,  
BLM Lease UTU-58726

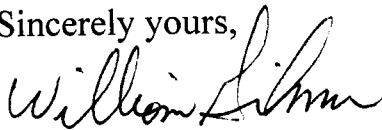
Dear DOGM:

Enclosed is the final Form 8 – Well Completion Report on the captioned well.

This well was originally completed in the Green River Sand and was deepened to the Mesaverde and completed there as a gas well. I have added the letter “A” after the original well number to denote it and differentiate it from the original completion. It is my understanding that a new API number will be assigned to this well as it has been deepened.

If you need any additional information, please so advise.

Sincerely yours,



William Gilmore

RECEIVED  
JAN 18 2006  
DIV. OF OIL, GAS & MINING